

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012858.D
 Acq On : 07 Oct 2019 23:46
 Operator : JC/SP
 Sample : VX1007WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Quant Time: Oct 08 11:15:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120501	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	119702	48.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.66%	
35) Dibromofluoromethane	5.49	113	91806	52.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.34%	
50) Toluene-d8	8.71	98	342085	50.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.14	95	135051	50.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	28562	14.927	ug/l	97
3) Chloromethane	1.32	50	33686	15.331	ug/l	98
4) Vinyl Chloride	1.40	62	36062	16.512	ug/l	99
5) Bromomethane	1.63	94	15769	18.364	ug/l	90
6) Chloroethane	1.71	64	25751	17.491	ug/l	97
7) Trichlorofluoromethane	1.92	101	53408	17.418	ug/l	98
8) Diethyl Ether	2.18	74	22869	18.199	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33453	17.912	ug/l	98
10) Methyl Iodide	2.50	142	22762	15.376	ug/l	93
11) Tert butyl alcohol	3.03	59	64527	104.290	ug/l	95
12) 1,1-Dichloroethene	2.36	96	34348	18.782	ug/l	97
13) Acrolein	2.28	56	21804	70.904	ug/l	99
14) Allyl chloride	2.72	41	64008	17.641	ug/l	97
15) Acrylonitrile	3.13	53	120481	95.980	ug/l	98
16) Acetone	2.44	43	104002	79.274	ug/l	97
17) Carbon Disulfide	2.56	76	81372	15.872	ug/l	98
18) Methyl Acetate	2.76	43	62733	20.308	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	136194	19.675	ug/l	99
20) Methylene Chloride	2.84	84	42049	18.950	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	37851	18.683	ug/l	93
22) Diisopropyl ether	3.85	45	135403	19.314	ug/l	89
23) Vinyl Acetate	3.80	43	566199	92.093	ug/l	98
24) 1,1-Dichloroethane	3.69	63	71777	18.835	ug/l	99
25) 2-Butanone	4.66	43	168940	89.809	ug/l	97
26) 2,2-Dichloropropane	4.57	77	47126	13.904	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	44895	19.098	ug/l	93
28) Bromochloromethane	5.01	49	26307	19.012	ug/l	97
29) Tetrahydrofuran	5.12	42	108846	94.934	ug/l	96
30) Chloroform	5.20	83	72951	18.711	ug/l	99
31) Cyclohexane	5.57	56	60436	17.530	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	62859	18.191	ug/l	99
36) 1,1-Dichloropropene	5.79	75	49947	17.536	ug/l	96
37) Ethyl Acetate	4.82	43	64680	19.424	ug/l	98
38) Carbon Tetrachloride	5.77	117	50278	17.377	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59710	17.413	ug/l	95
40) Benzene	6.14	78	161736	19.299	ug/l	96
41) Methacrylonitrile	5.03	41	35228	18.855	ug/l	95
42) 1,2-Dichloroethane	6.19	62	60804	19.106	ug/l	98
43) Isopropyl Acetate	6.43	43	106095	19.052	ug/l	98
44) Trichloroethene	7.21	130	40641	18.970	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42340	19.733	ug/l	95
46) Dibromomethane	7.65	93	27761	19.003	ug/l	99
47) Bromodichloromethane	7.89	83	54640	18.715	ug/l	97
48) Methyl methacrylate	7.76	41	50850	19.044	ug/l	92
49) 1,4-Dioxane	7.73	88	23823	393.352	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	333649	97.063	ug/l	96
52) Toluene	8.78	92	101321	19.236	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58095	17.984	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63777	18.082	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	42738	20.409	ug/l	96
56) Ethyl methacrylate	9.17	69	69685	19.808	ug/l	91
57) 1,3-Dichloropropane	9.37	76	73147	19.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	157349	99.641	ug/l	99
59) 2-Hexanone	9.48	43	247526	94.074	ug/l	93
60) Dibromochloromethane	9.58	129	40264	18.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44204	20.283	ug/l	100
64) Tetrachloroethene	9.33	164	38576	21.206	ug/l	93
65) Chlorobenzene	10.14	112	106587	19.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	39508	19.847	ug/l	98
67) Ethyl Benzene	10.25	91	189351	19.002	ug/l	97
68) m/p-Xylenes	10.36	106	142869	38.273	ug/l	99
69) o-Xylene	10.70	106	69712	19.300	ug/l	98
70) Styrene	10.71	104	121118	20.002	ug/l	99
71) Bromoform	10.85	173	27034	19.503	ug/l #	96
73) Isopropylbenzene	11.01	105	187385	19.093	ug/l	100
74) N-amyl acetate	10.89	43	84387	18.023	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	64987	19.994	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72498	22.744	ug/l	86
77) Bromobenzene	11.25	156	43049	19.380	ug/l	99
78) n-propylbenzene	11.35	91	206729	18.710	ug/l	99
79) 2-Chlorotoluene	11.42	91	131465	19.073	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	159183	19.341	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	17126	15.397	ug/l	98
82) 4-Chlorotoluene	11.51	91	149182	18.986	ug/l	98
83) tert-Butylbenzene	11.76	119	152564	19.217	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	160774	19.365	ug/l	100
85) sec-Butylbenzene	11.94	105	176096	19.070	ug/l	99
86) p-Isopropyltoluene	12.06	119	159657	19.162	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79008	19.765	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	78460	19.424	ug/l	99
89) n-Butylbenzene	12.39	91	132902	18.101	ug/l	99
90) Hexachloroethane	12.59	117	26280	17.692	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	79261	19.805	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14703	18.083	ug/l	97

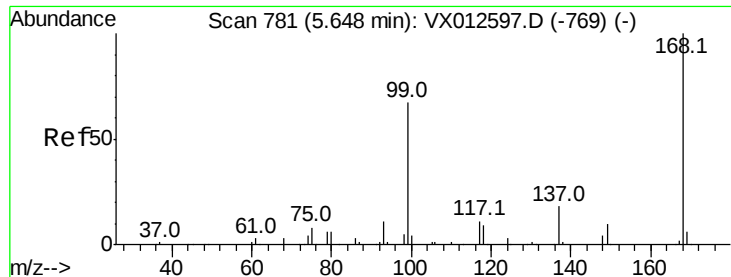
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47760	19.569	ug/l	99
94) Hexachlorobutadiene	13.78	225	20488	19.513	ug/l	97
95) Naphthalene	13.83	128	177997	20.158	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49657	20.311	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

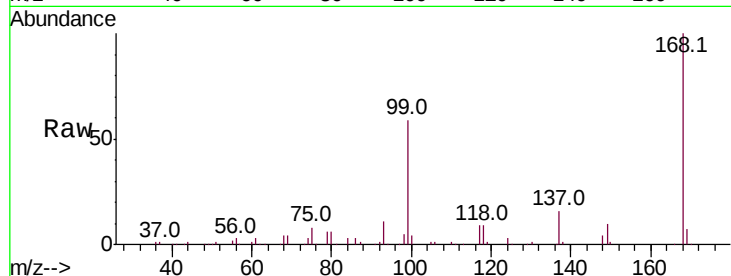
VX1007WBS02

Tot Ion:168 Resp: 170089

Ion Ratio Lower Upper

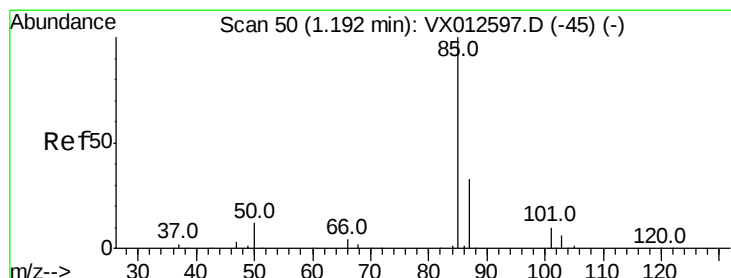
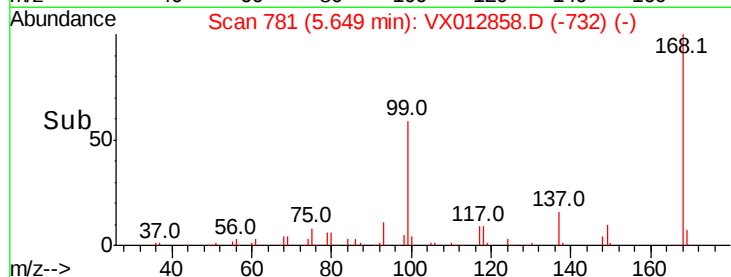
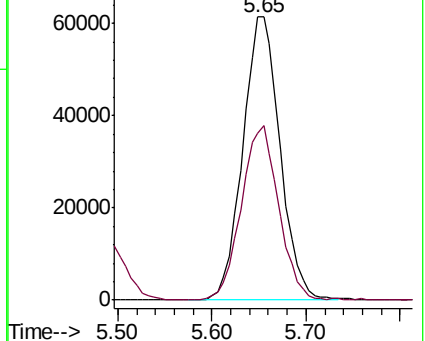
168 100

99 58.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.927 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012858.D

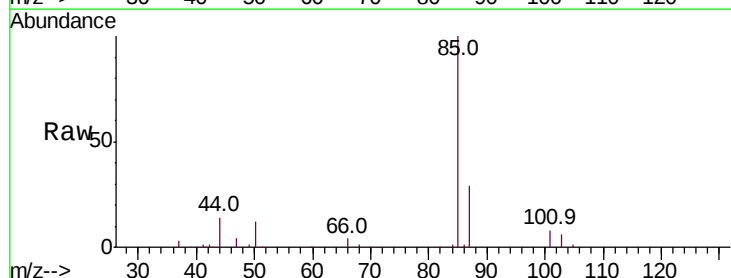
Acq: 07 Oct 2019 23:46

Tgt Ion: 85 Resp: 28562

Ion Ratio Lower Upper

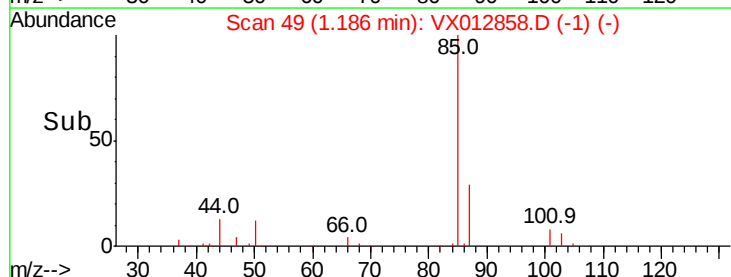
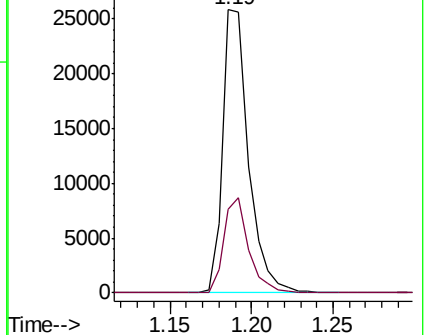
85 100

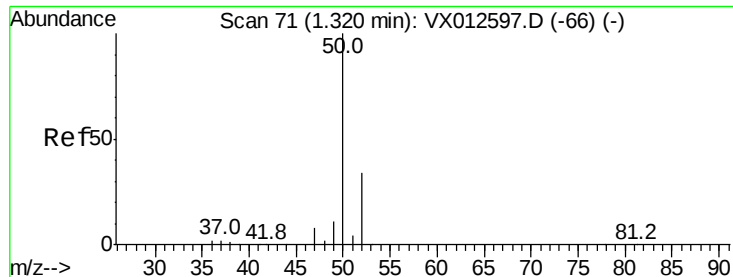
87 29.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.331 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

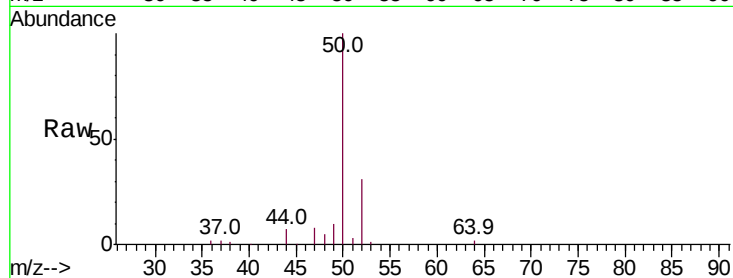
VX1007WBS02

Tot Ion: 50 Resp: 33686

Ion Ratio Lower Upper

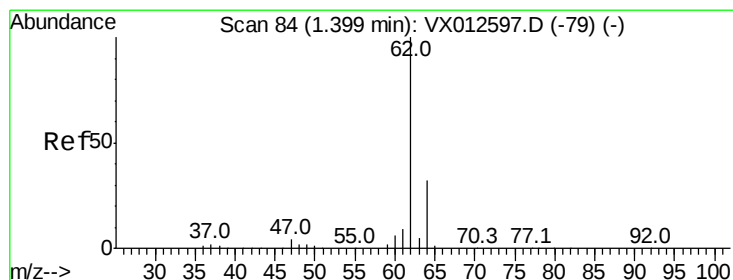
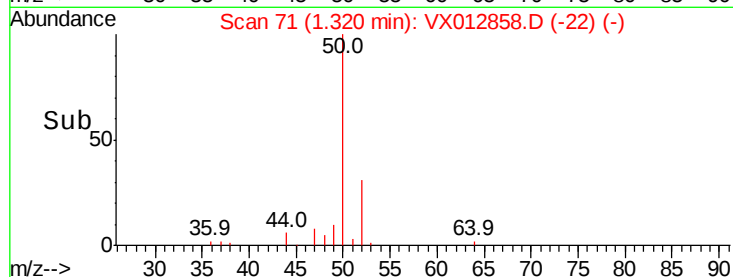
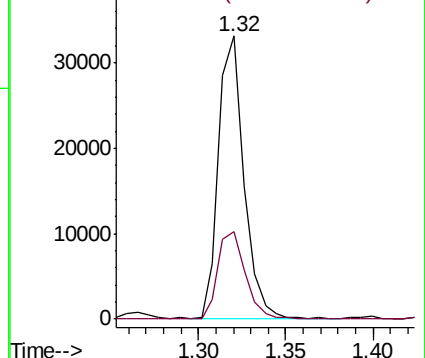
50 100

52 30.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.512 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012858.D

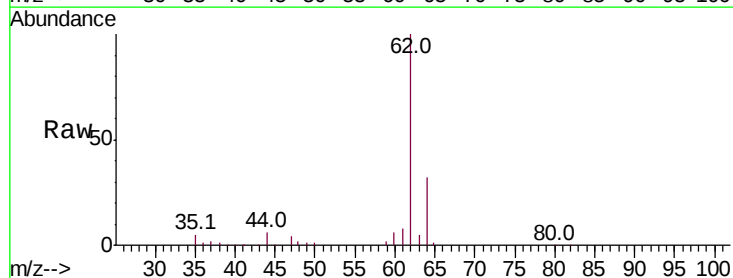
Acq: 07 Oct 2019 23:46

Tgt Ion: 62 Resp: 36062

Ion Ratio Lower Upper

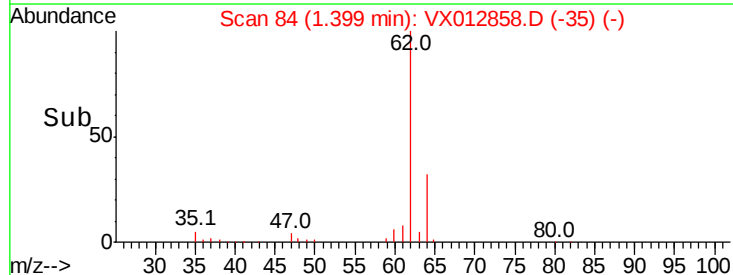
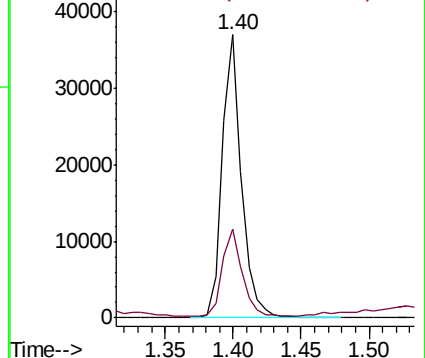
62 100

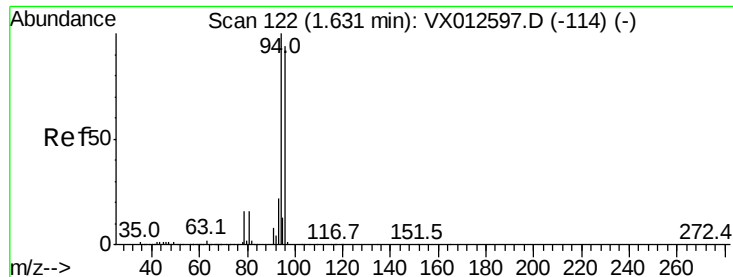
64 30.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.364 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

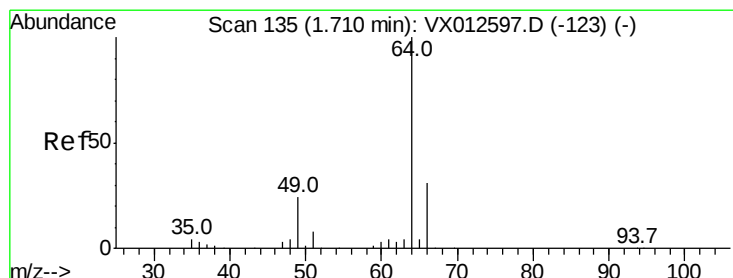
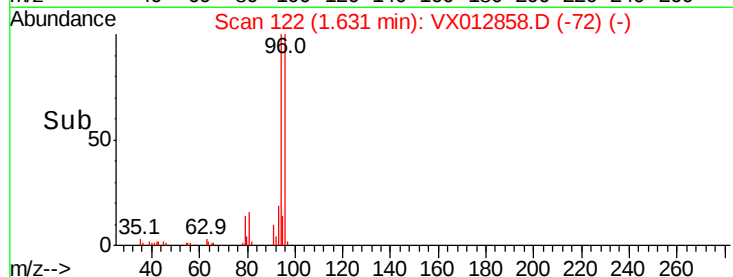
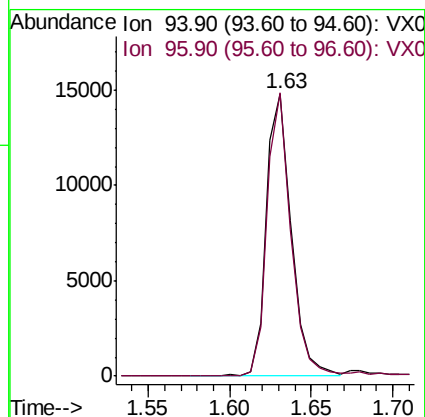
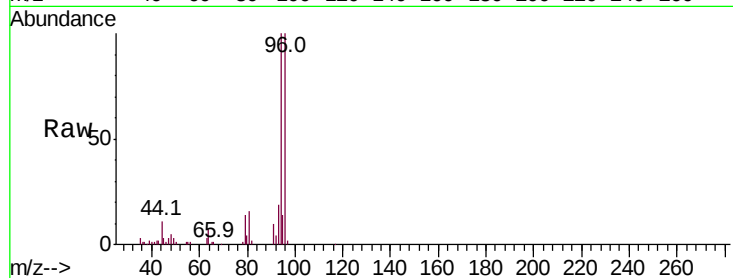
VX1007WBS02

Tot Ion: 94 Resp: 15769

Ion Ratio Lower Upper

94 100

96 100.2 72.8 109.2



#6

Chloroethane

Concen: 17.491 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012858.D

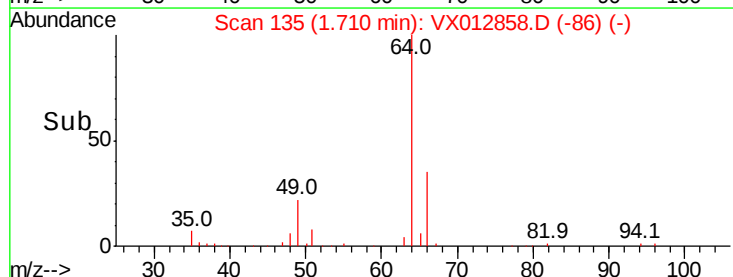
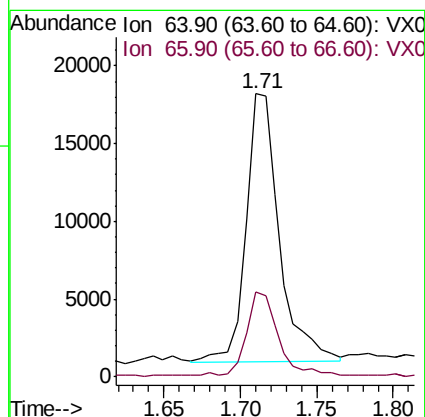
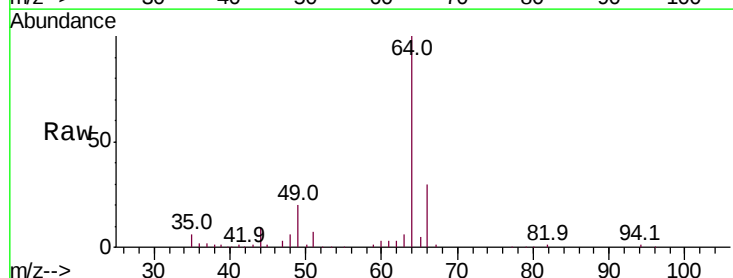
Acq: 07 Oct 2019 23:46

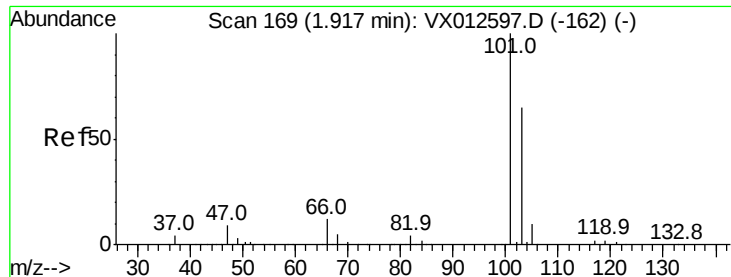
Tgt Ion: 64 Resp: 25751

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0



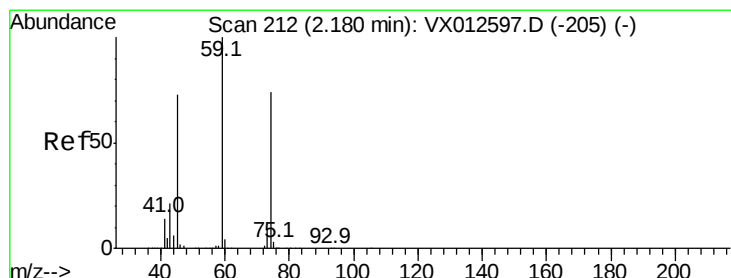
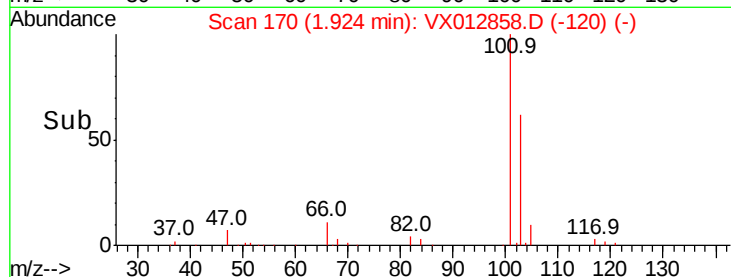
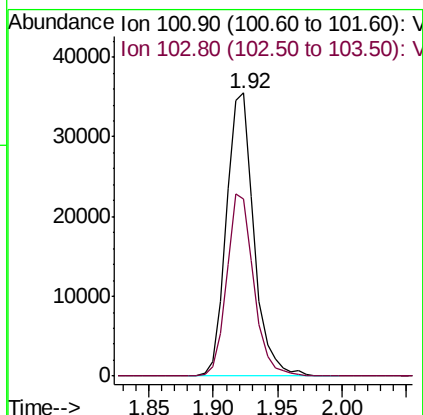
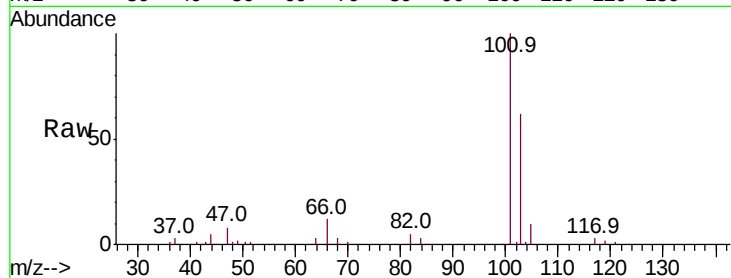


#7

Trichlorofluoromethane
Concen: 17.418 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

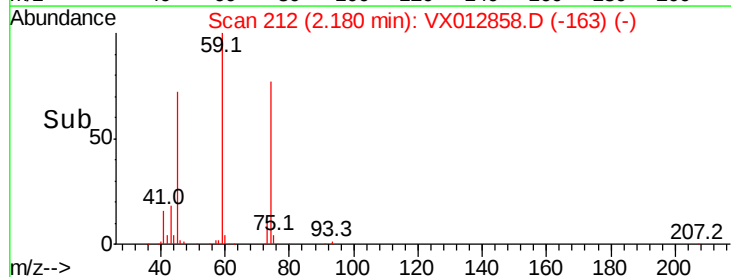
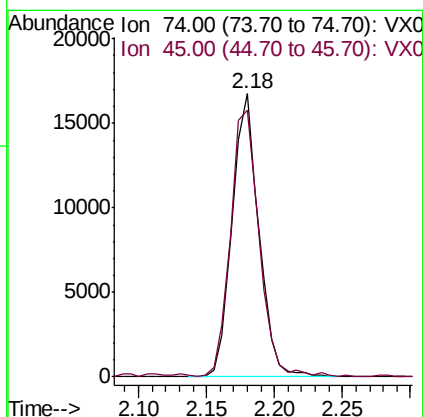
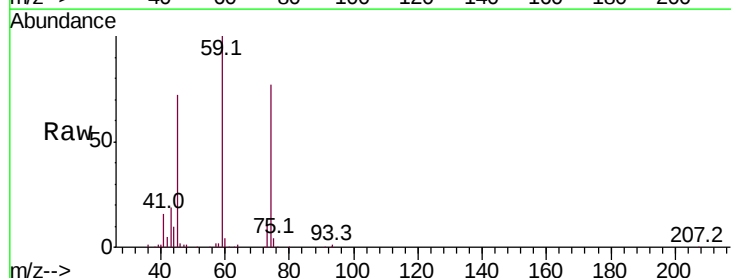
Tot Ion:101 Resp: 53408
Ion Ratio Lower Upper
101 100
103 62.4 51.0 76.4

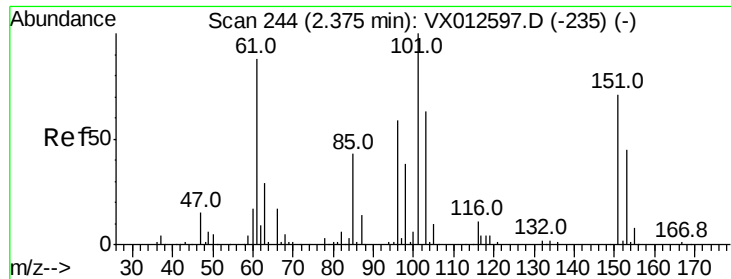


#8

Diethyl Ether
Concen: 18.199 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 74 Resp: 22869
Ion Ratio Lower Upper
74 100
45 101.8 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.912 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

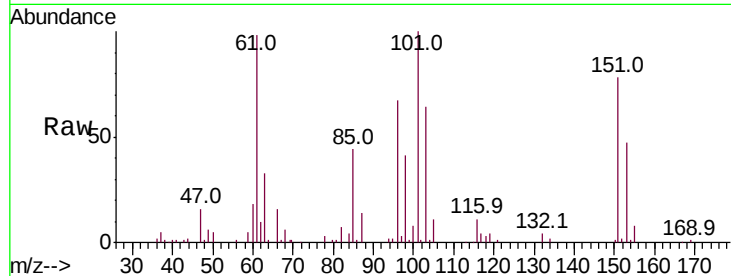
Tot Ion:101 Resp: 33453

Ion Ratio Lower Upper

101 100

85 44.0 37.3 55.9

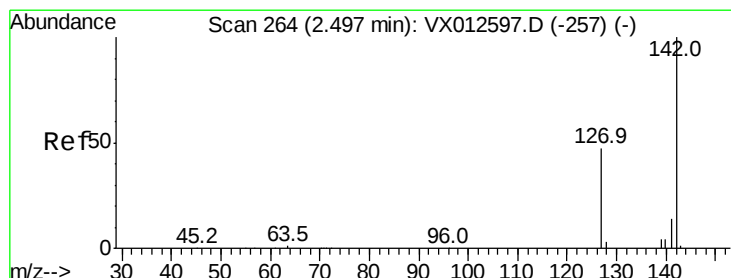
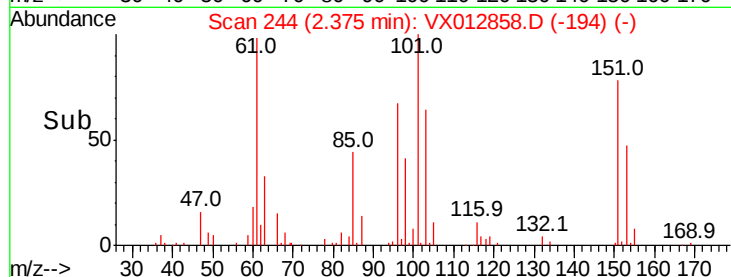
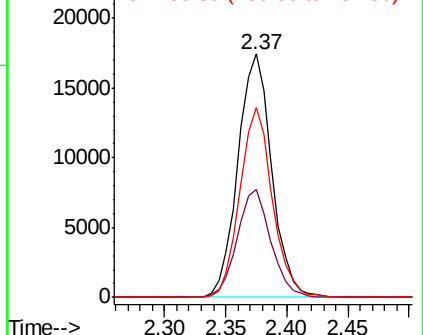
151 75.3 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.376 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

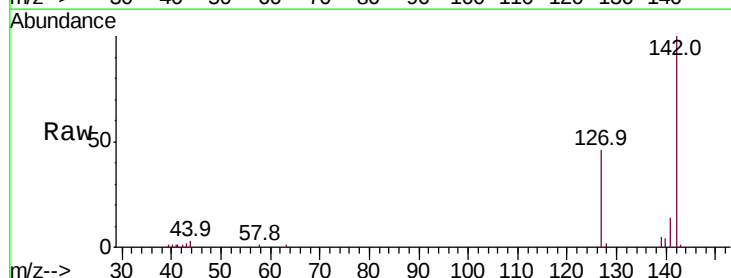
Tgt Ion:142 Resp: 22762

Ion Ratio Lower Upper

142 100

127 44.4 40.8 61.2

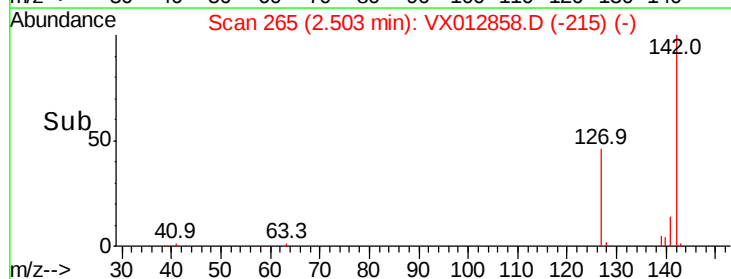
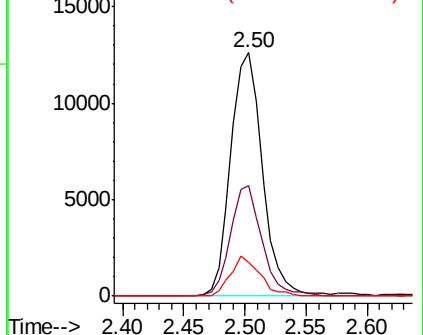
141 14.9 12.1 18.1

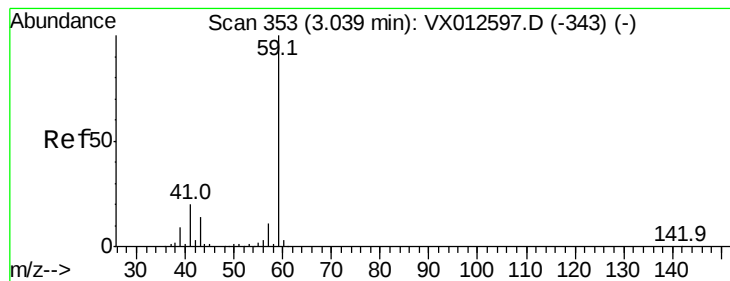


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



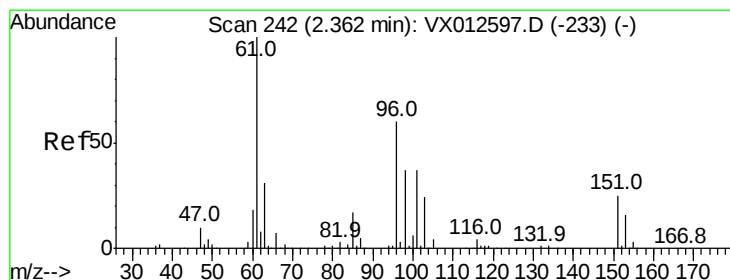
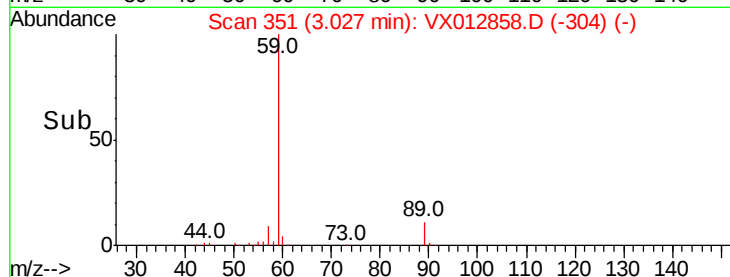
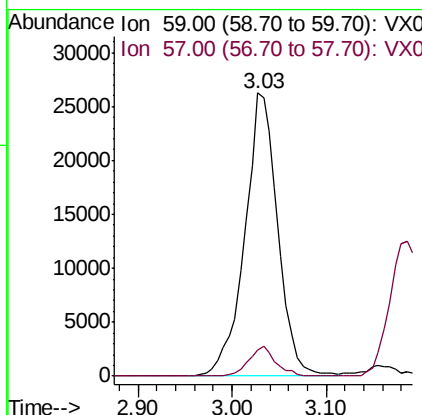
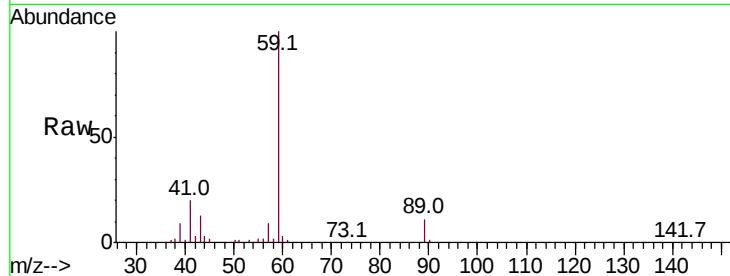


#11

Tert butyl alcohol
 Concen: 104.290 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

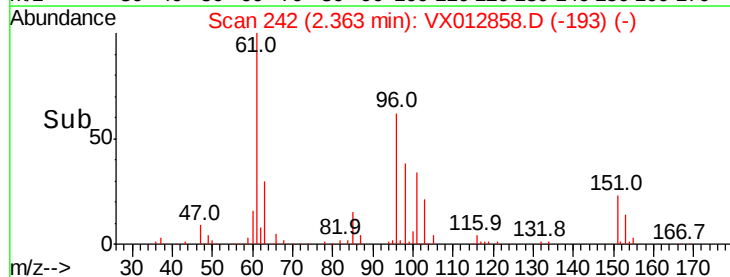
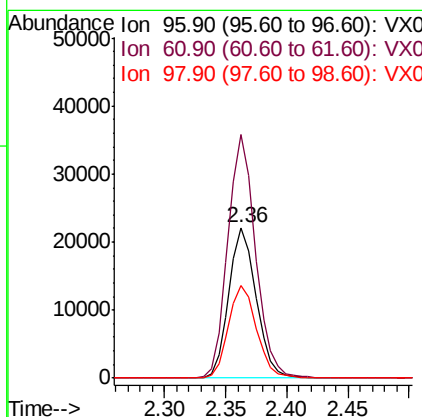
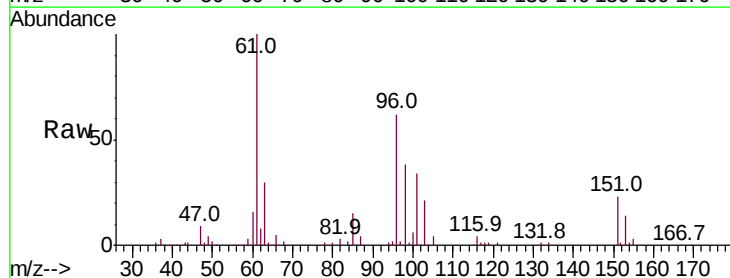
Tot Ion: 59 Resp: 64527
 Ion Ratio Lower Upper
 59 100
 57 8.5 8.3 12.5

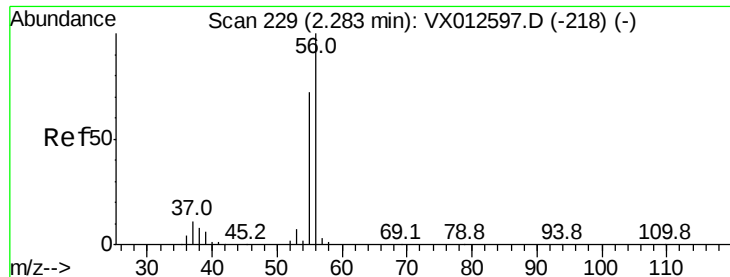


#12

1,1-Dichloroethene
 Concen: 18.782 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 96 Resp: 34348
 Ion Ratio Lower Upper
 96 100
 61 161.9 133.8 200.6
 98 61.2 49.9 74.9





#13

Acrolein

Concen: 70.904 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

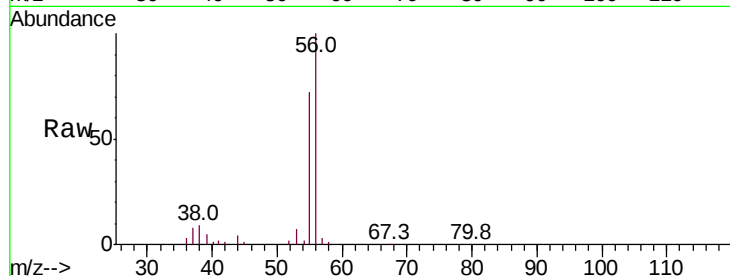
VX1007WBS02

Tot Ion: 56 Resp: 21804

Ion Ratio Lower Upper

56 100

55 70.2 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

15000

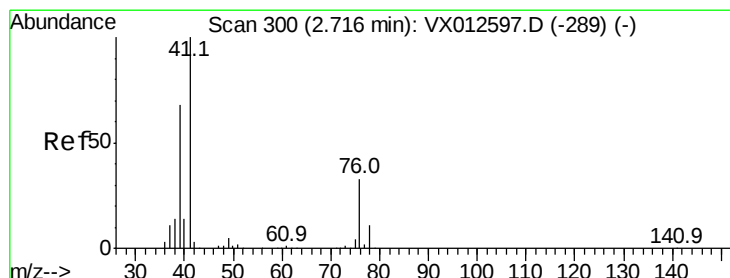
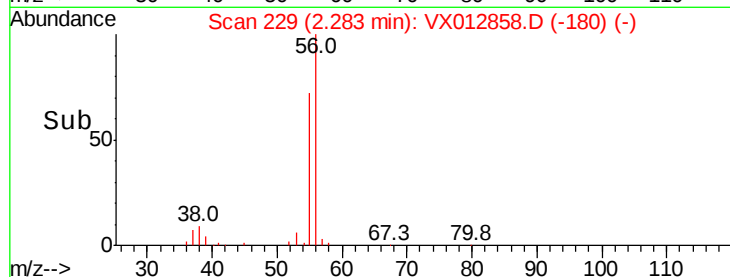
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 17.641 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

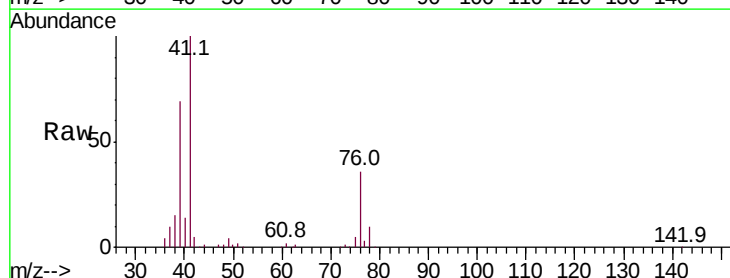
Tgt Ion: 41 Resp: 64008

Ion Ratio Lower Upper

41 100

39 63.1 51.3 76.9

76 32.0 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

30000

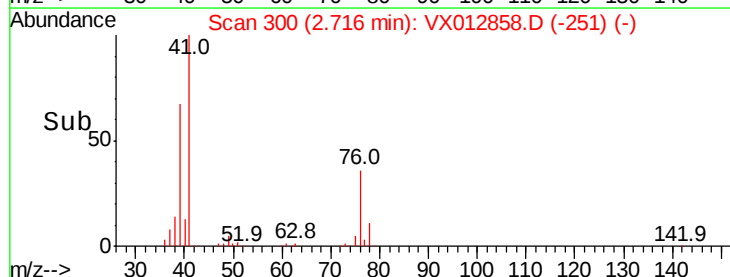
20000

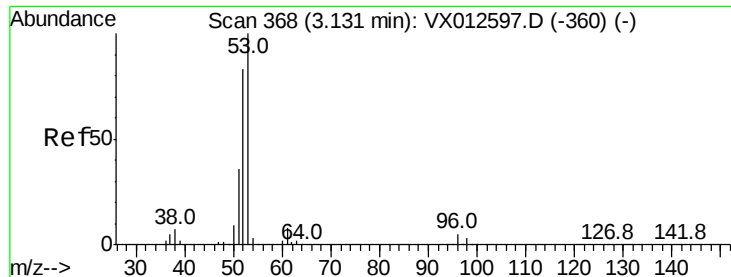
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 95.980 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

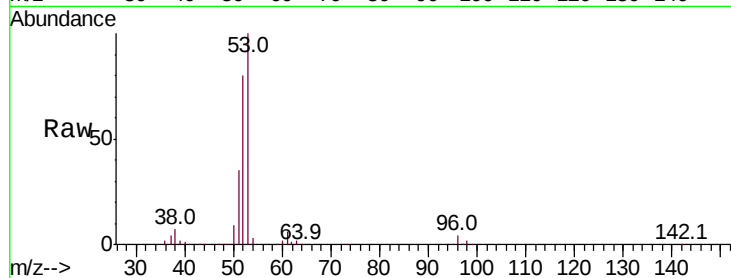
MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 53 Resp: 120481

Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.0	100.4
51	36.1	29.6	44.4



Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

80000

60000

40000

20000

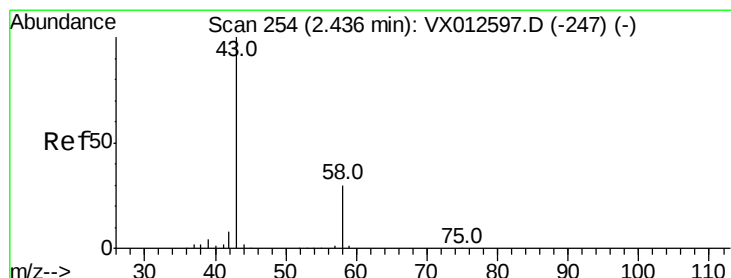
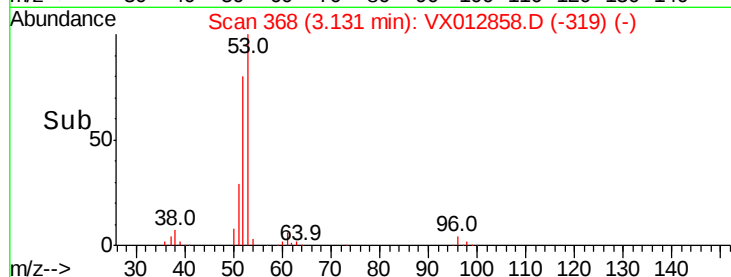
0

3.10 3.20

Time-->

3.13

Time-->



#16

Acetone

Concen: 79.274 ug/l

RT: 2.44 min Scan# 254

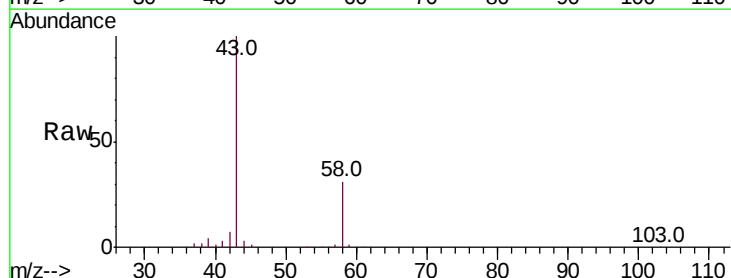
Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion: 43 Resp: 104002

Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.3	34.9



Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

60000

40000

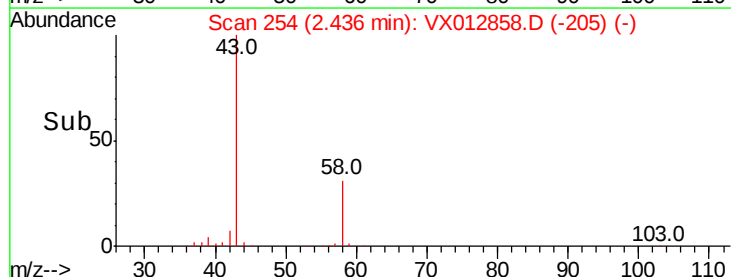
20000

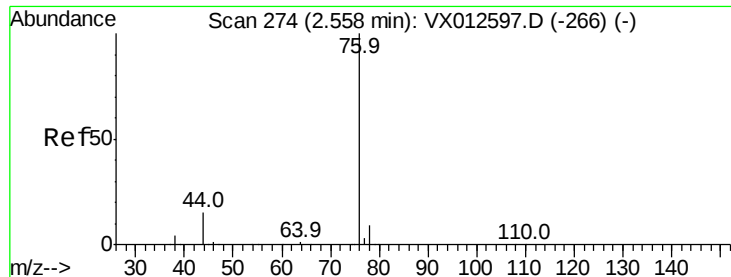
0

2.35 2.40 2.45 2.50 2.55

Time-->

2.44





#17

Carbon Disulfide

Concen: 15.872 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

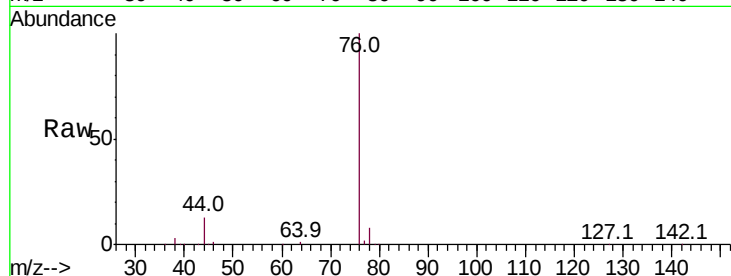
VX1007WBS02

Tot Ion: 76 Resp: 81372

Ion Ratio Lower Upper

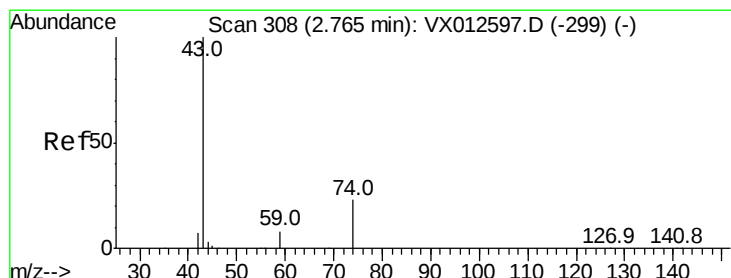
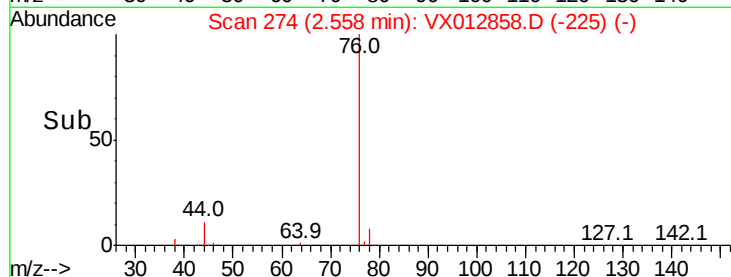
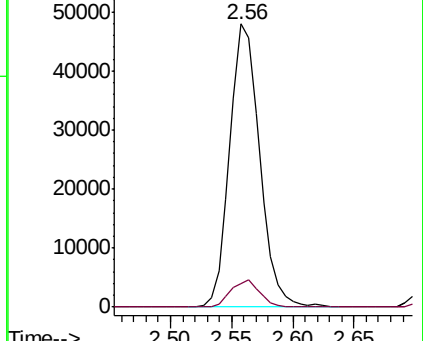
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.308 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012858.D

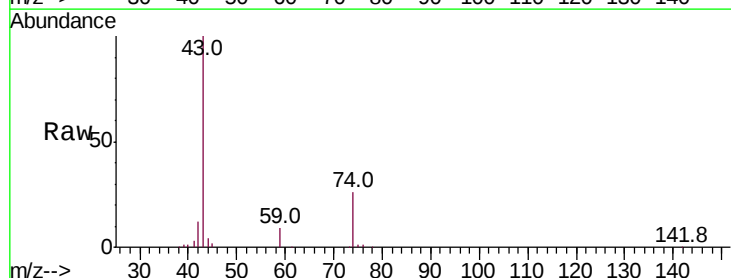
Acq: 07 Oct 2019 23:46

Tgt Ion: 43 Resp: 62733

Ion Ratio Lower Upper

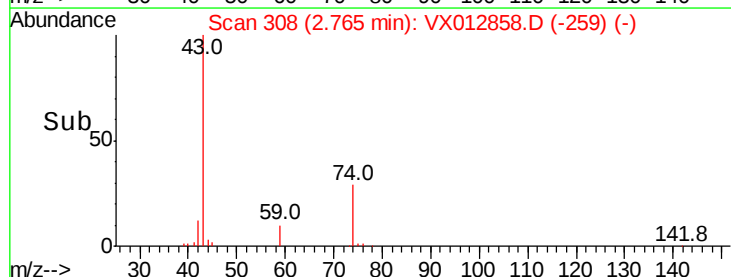
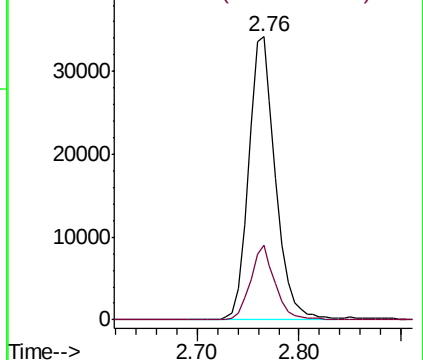
43 100

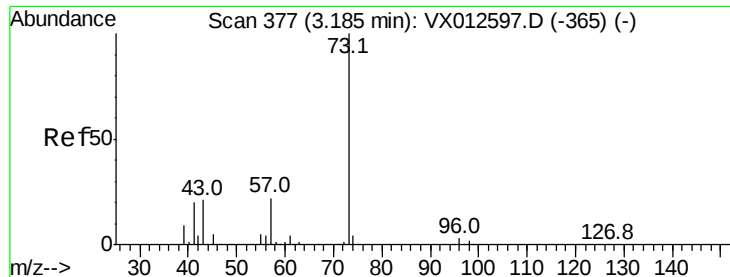
74 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

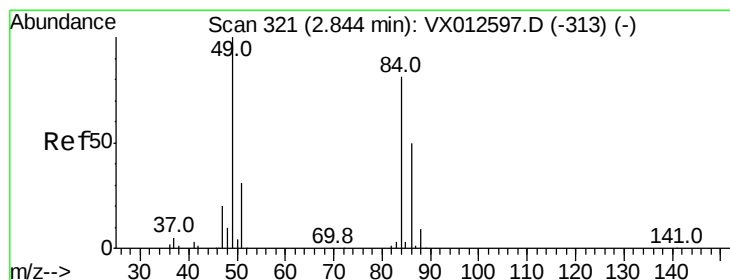
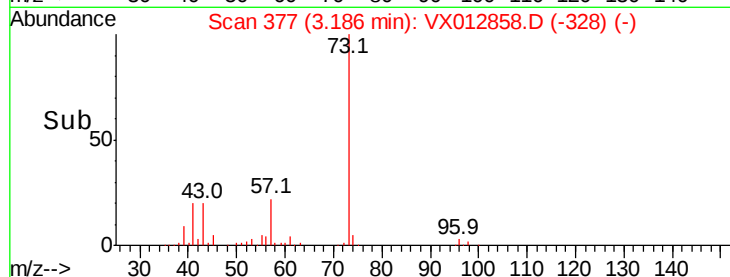
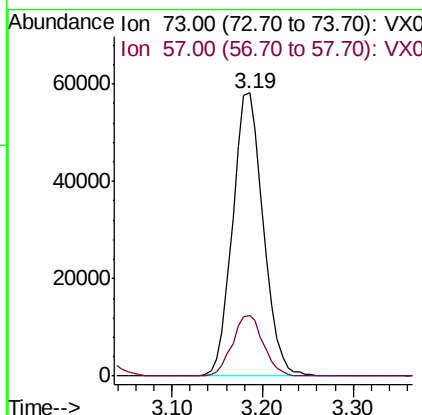
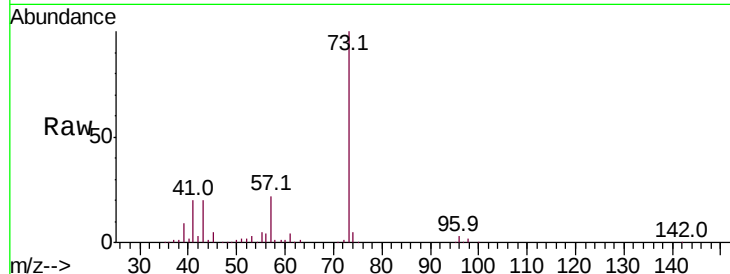




#19
Methvl tert-butvl Ether
Concen: 19.675 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

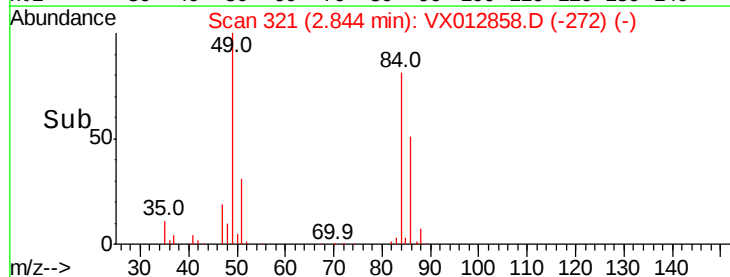
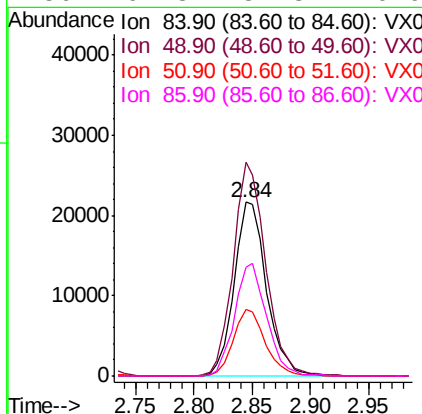
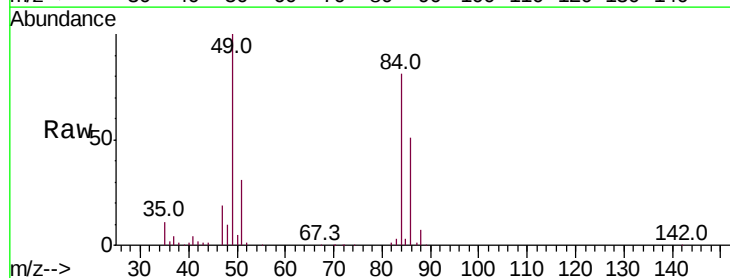
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

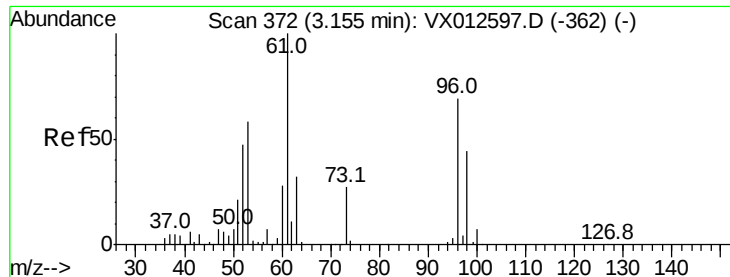
Tot Ion: 73 Resp: 136194
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 18.950 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 84 Resp: 42049
Ion Ratio Lower Upper
84 100
49 122.9 106.8 160.2
51 38.1 32.3 48.5
86 62.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.683 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

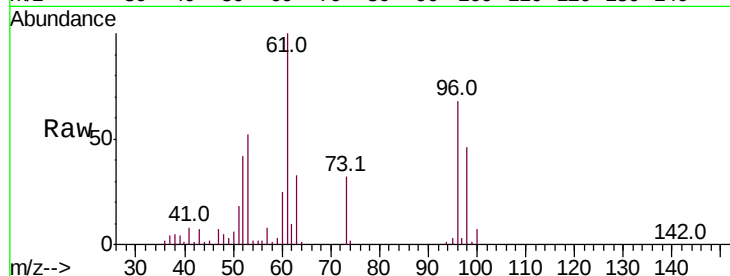
Tot Ion: 96 Resp: 37851

Ion Ratio Lower Upper

96 100

61 147.1 112.0 168.0

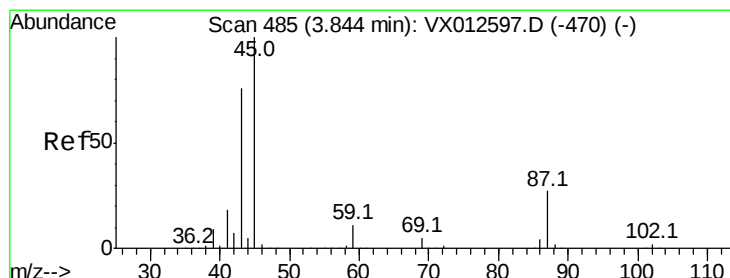
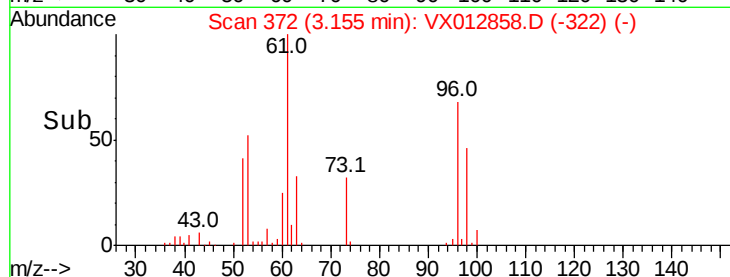
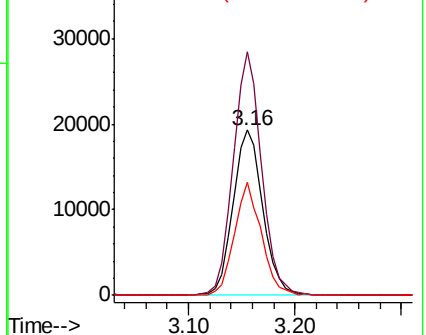
98 68.1 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.314 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion: 45 Resp: 135403

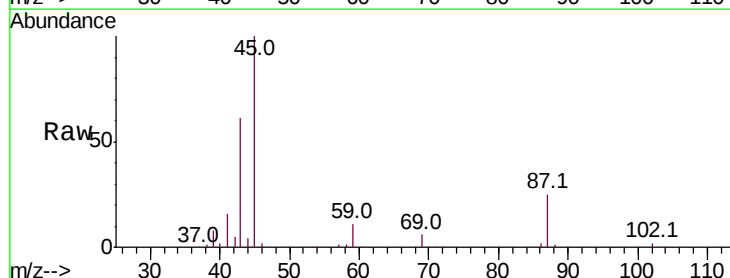
Ion Ratio Lower Upper

45 100

43 59.9 57.8 86.8

87 25.3 21.3 31.9

59 11.0 8.5 12.7

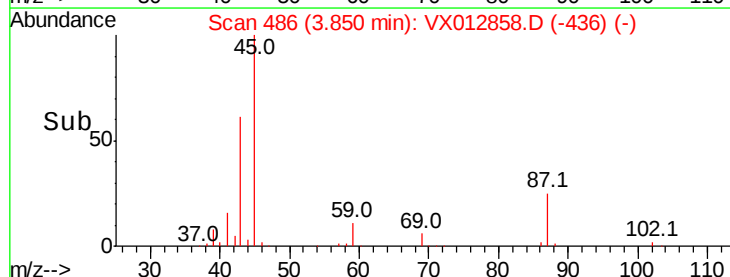
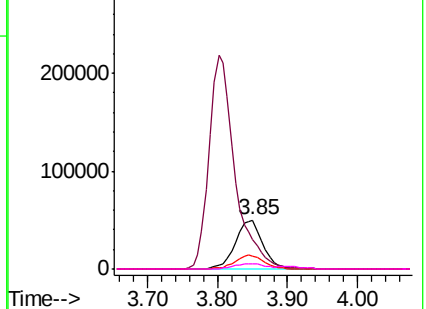


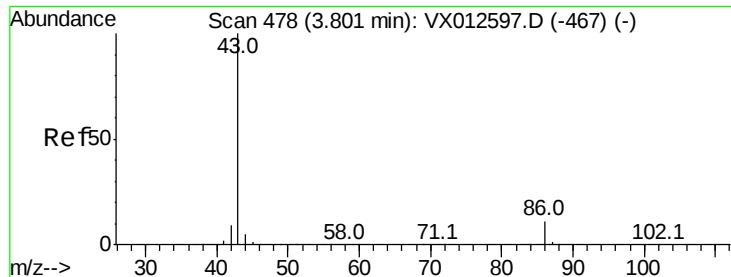
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.093 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

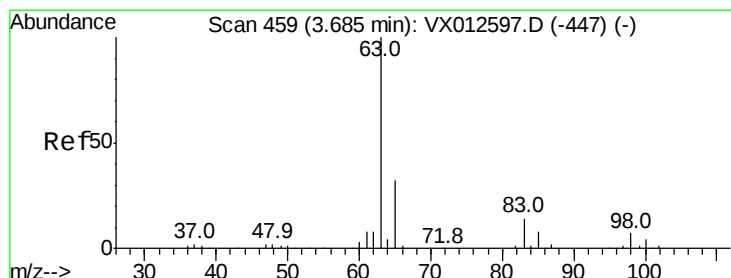
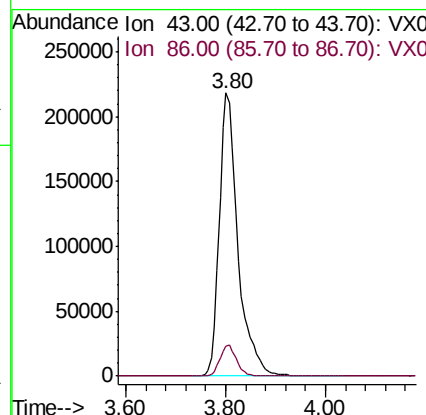
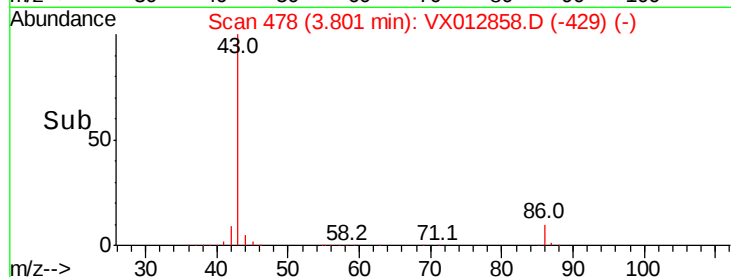
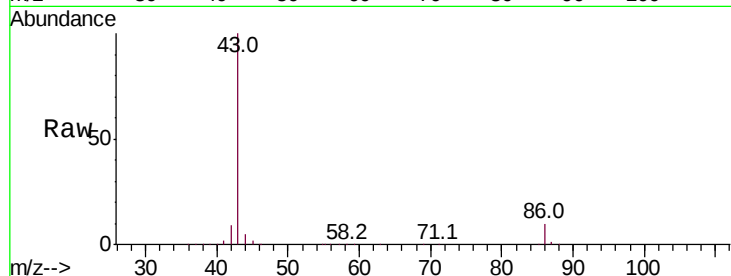
VX1007WBS02

Tot Ion: 43 Resp: 566199

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 18.835 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

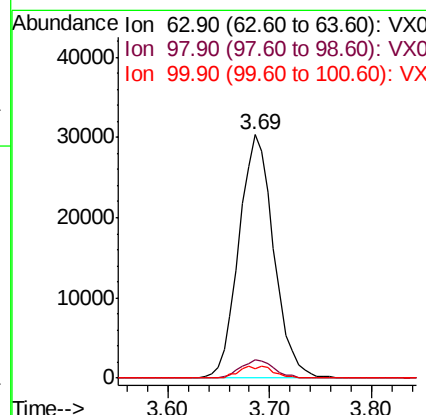
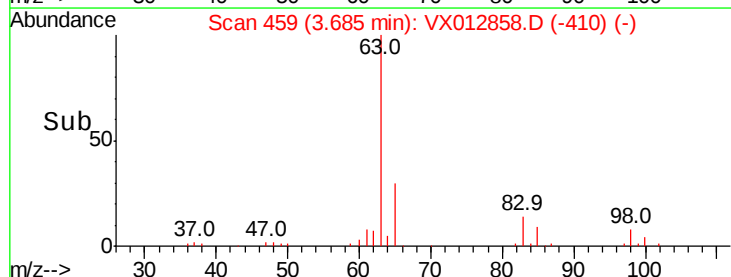
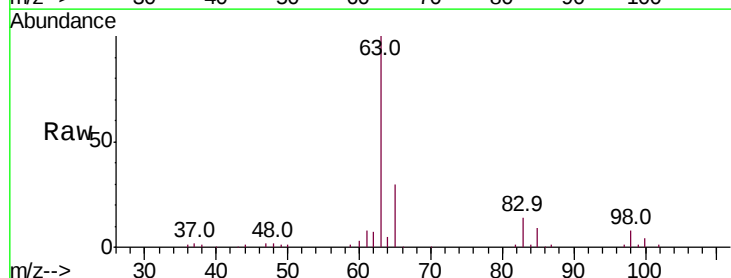
Tgt Ion: 63 Resp: 71777

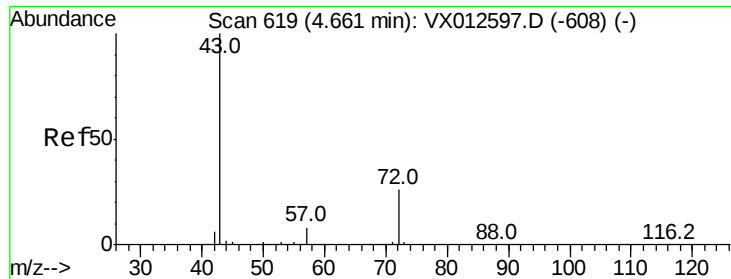
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 89.809 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

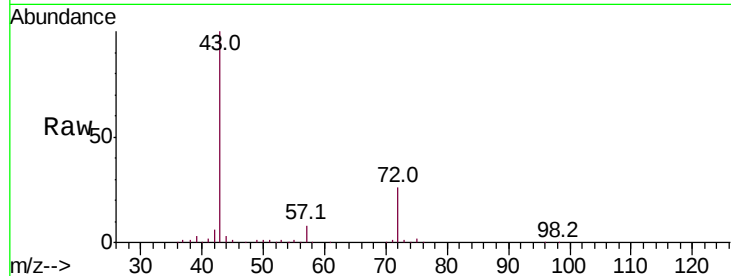
VX1007WBS02

Tot Ion: 43 Resp: 168940

Ion Ratio Lower Upper

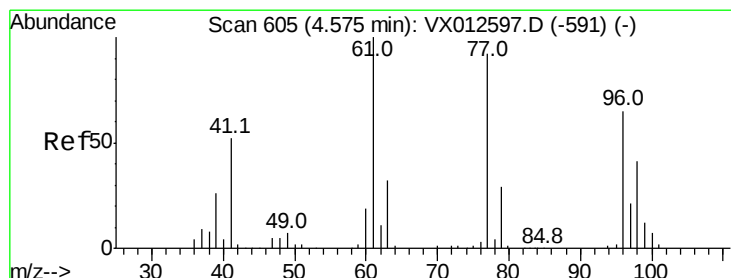
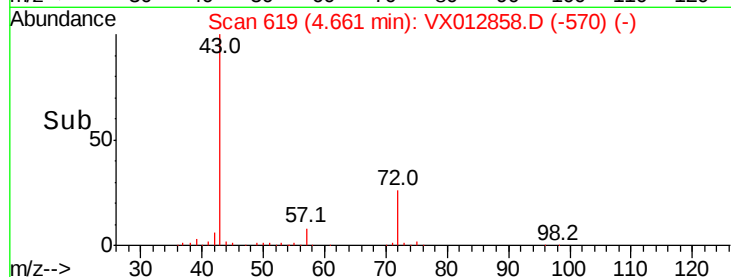
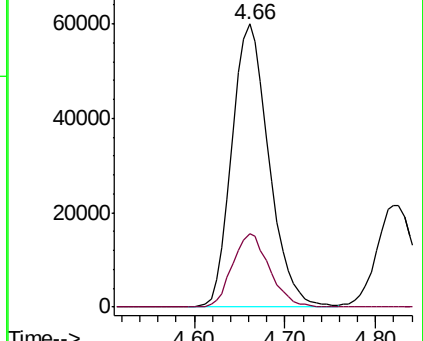
43 100

72 25.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.904 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012858.D

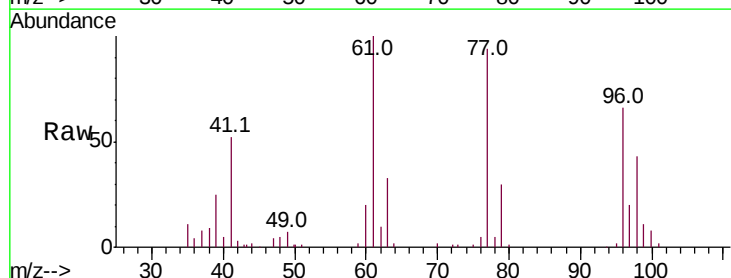
Acq: 07 Oct 2019 23:46

Tgt Ion: 77 Resp: 47126

Ion Ratio Lower Upper

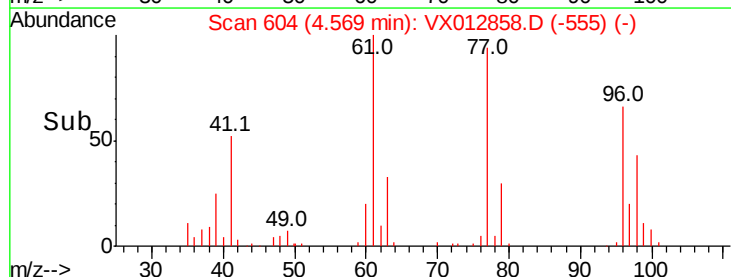
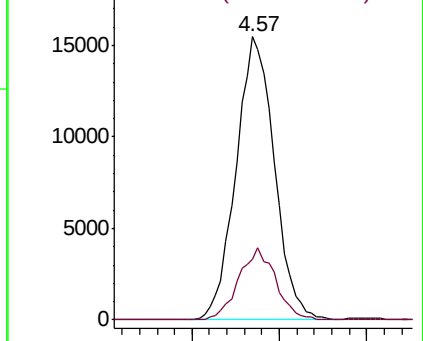
77 100

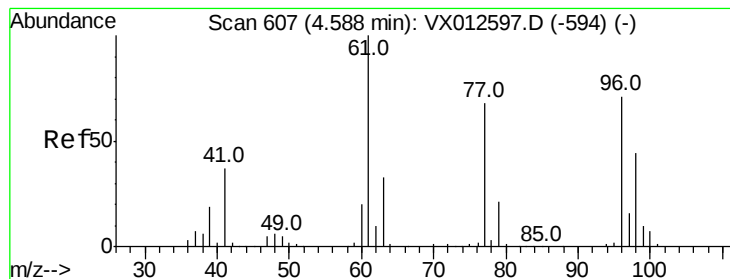
97 24.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



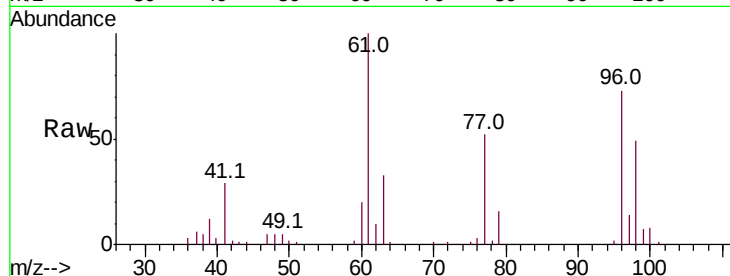


#27

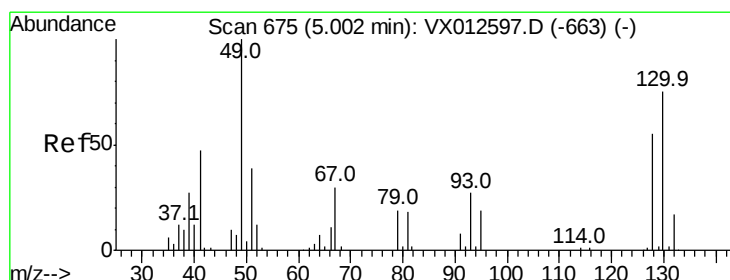
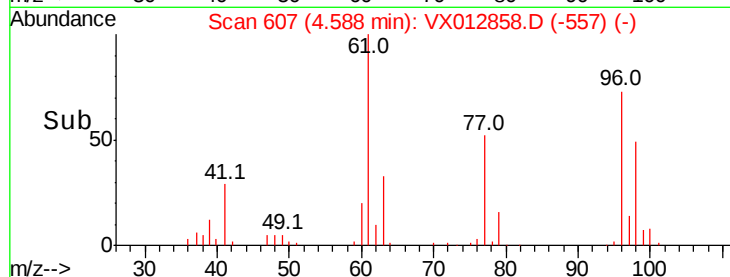
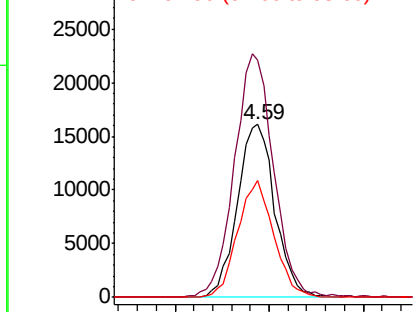
cis-1,2-Dichloroethene
 Concen: 19.098 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion: 96 Resp: 44895
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 319.4
 98 64.7 0.0 130.6



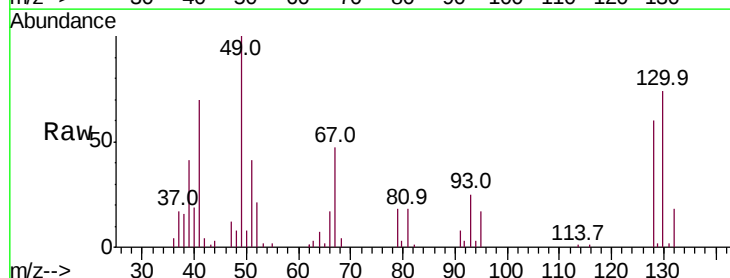
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



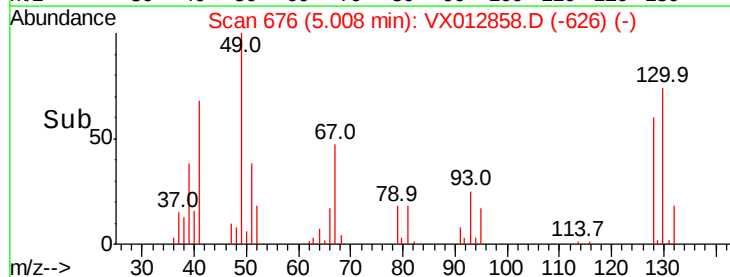
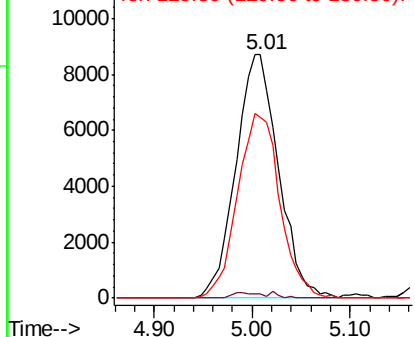
#28

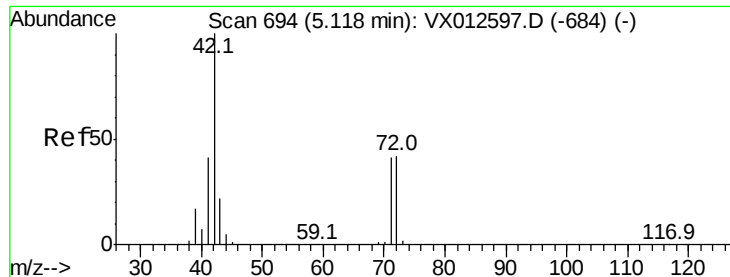
Bromochloromethane
 Concen: 19.012 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 49 Resp: 26307
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 75.5 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.934 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

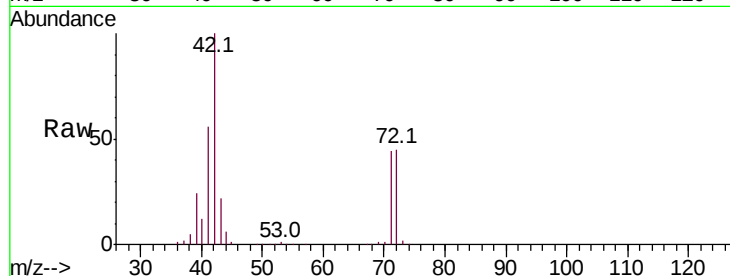
Tot Ion: 42 Resp: 108846

Ion Ratio Lower Upper

42 100

72 45.2 34.0 51.0

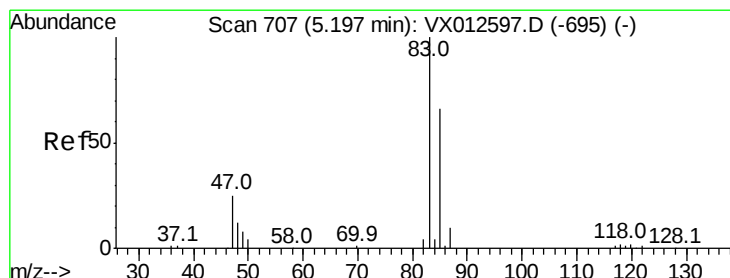
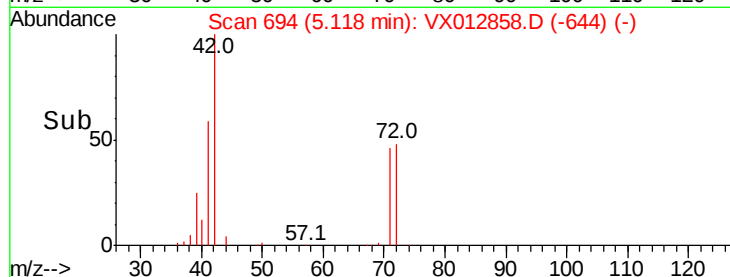
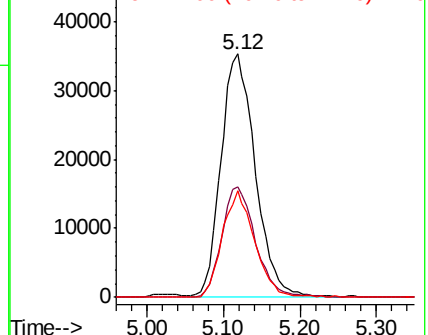
71 41.8 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.711 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012858.D

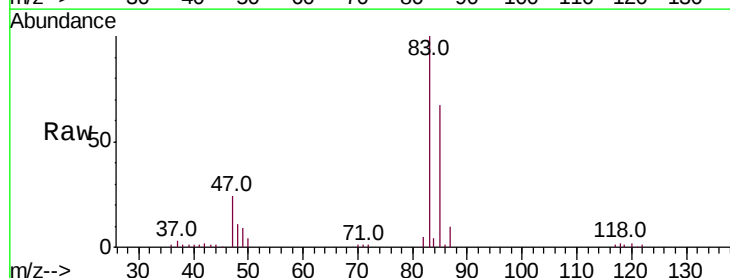
Acq: 07 Oct 2019 23:46

Tgt Ion: 83 Resp: 72951

Ion Ratio Lower Upper

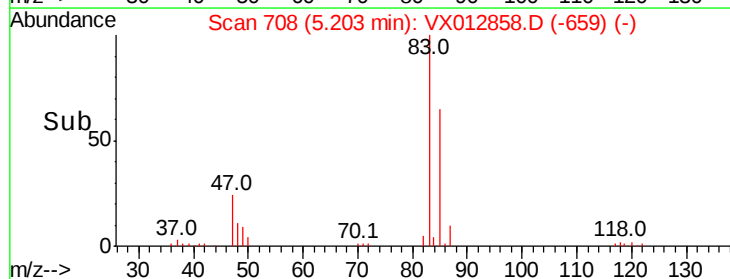
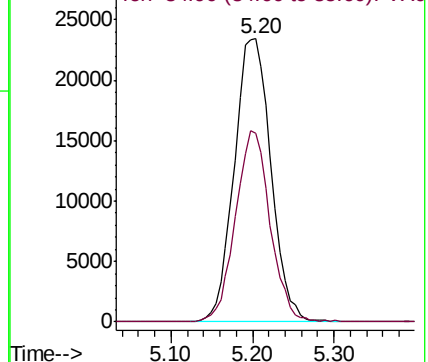
83 100

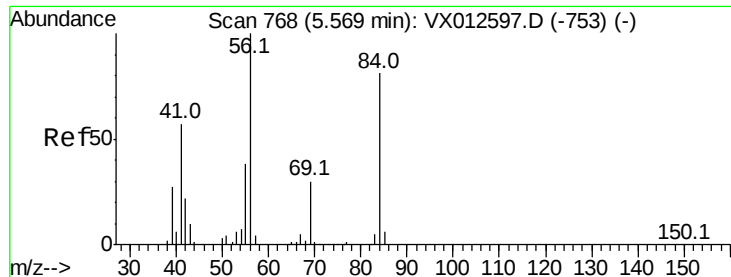
85 66.8 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

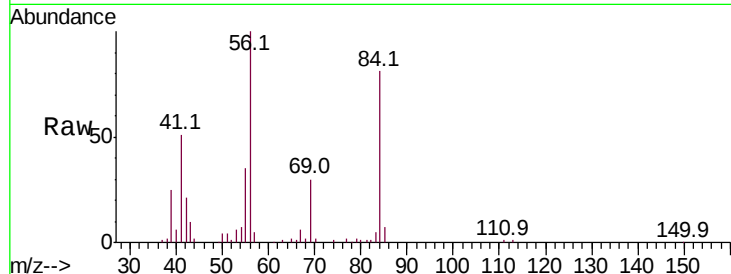




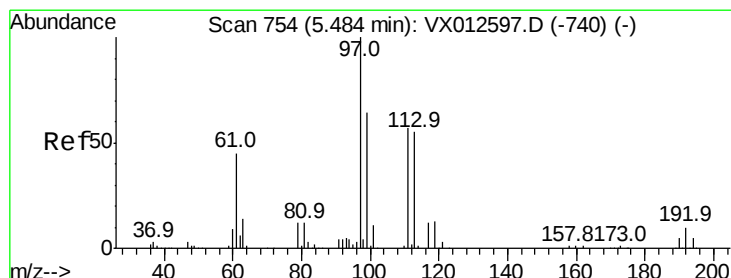
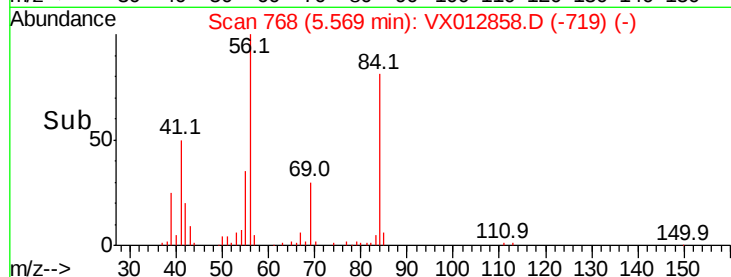
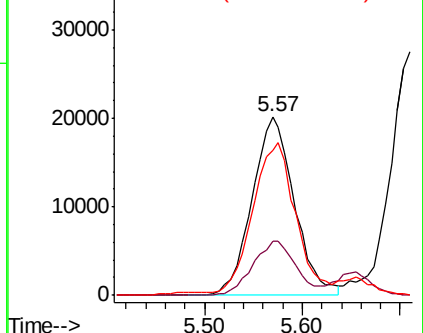
#31
Cyclohexane
Concen: 17.530 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion: 56 Resp: 60436
Ion Ratio Lower Upper
56 100
69 30.3 25.0 37.6
84 79.2 66.4 99.6

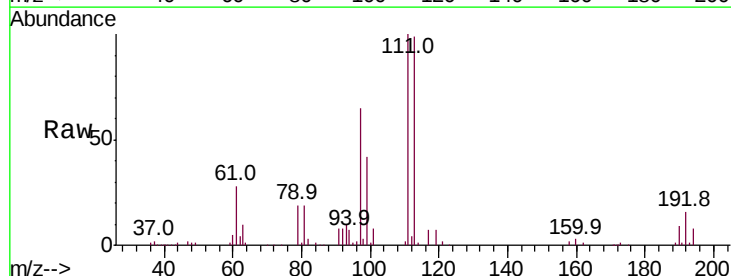


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

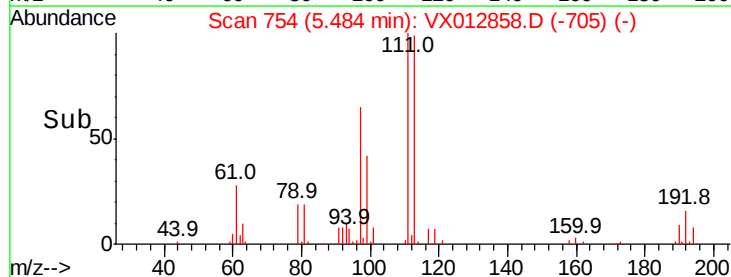
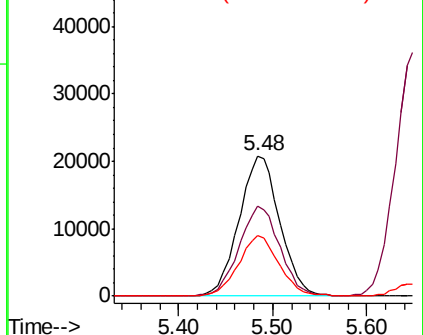


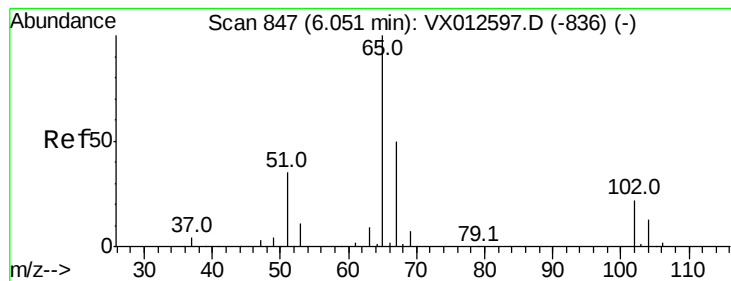
#32
1,1,1-Trichloroethane
Concen: 18.191 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 97 Resp: 62859
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 43.0 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.329 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

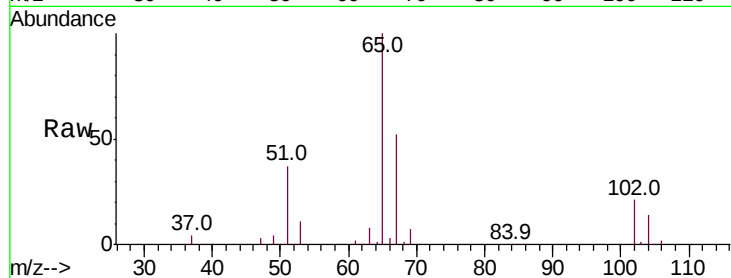
VX1007WBS02

Tot Ion: 65 Resp: 119702

Ion Ratio Lower Upper

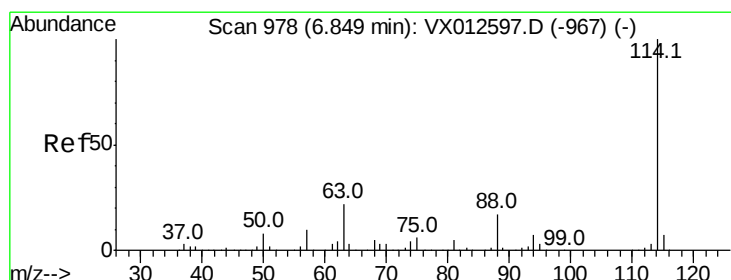
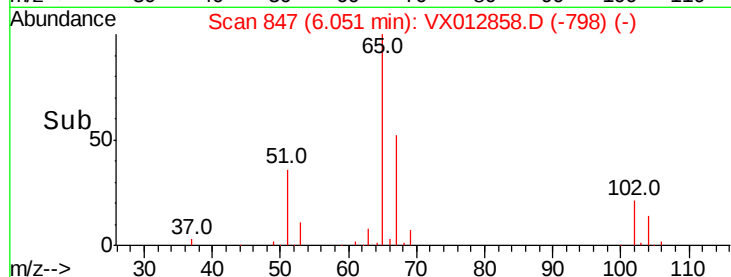
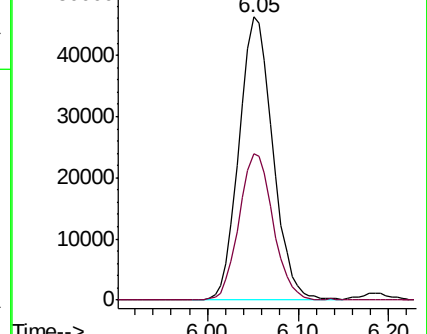
65 100

67 52.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

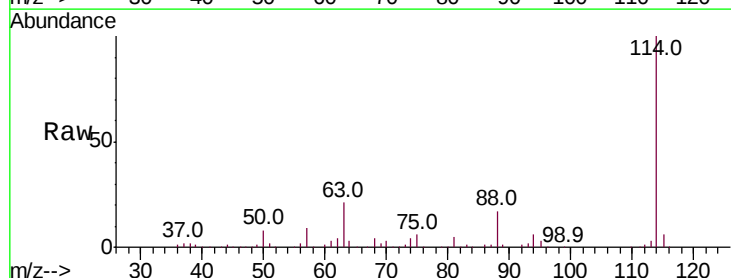
Tgt Ion:114 Resp: 295498

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

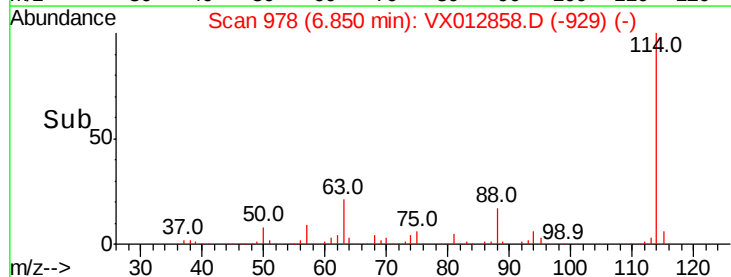
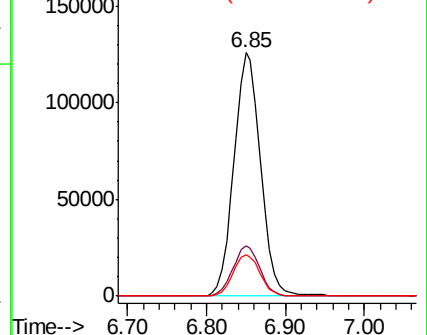
88 17.1 0.0 33.2

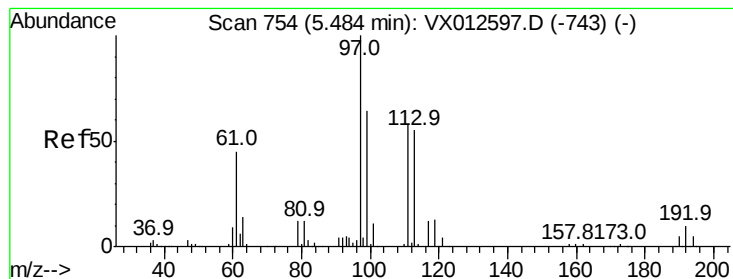


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.168 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

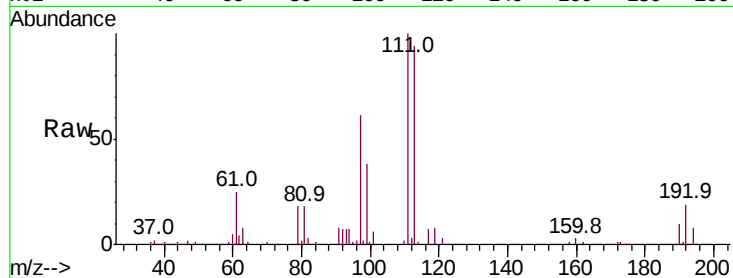
Tot Ion:113 Resp: 91806

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

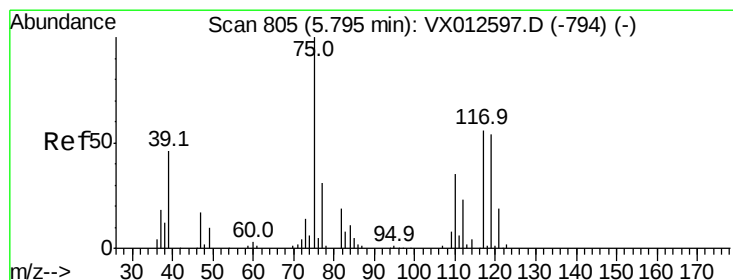
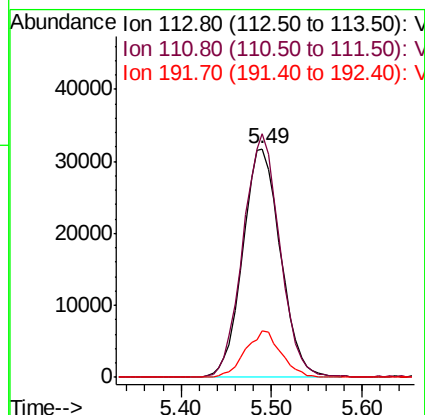
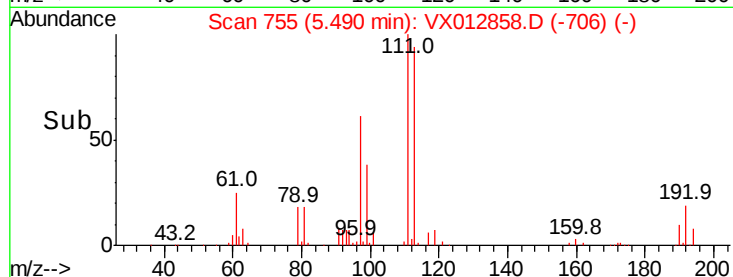
192 19.1 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.536 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

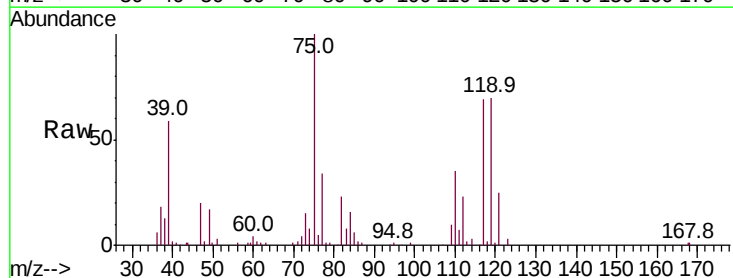
Tgt Ion: 75 Resp: 49947

Ion Ratio Lower Upper

75 100

110 35.2 16.7 50.0

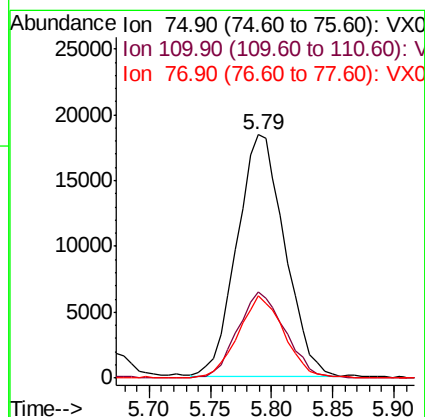
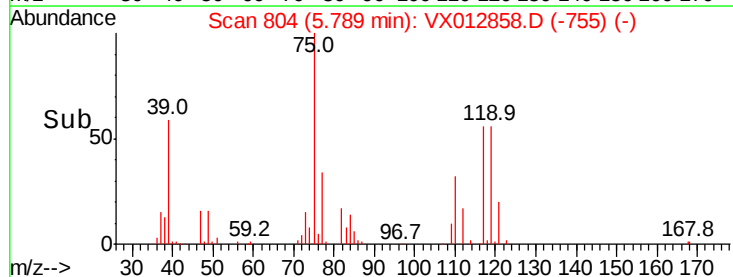
77 32.9 24.2 36.2

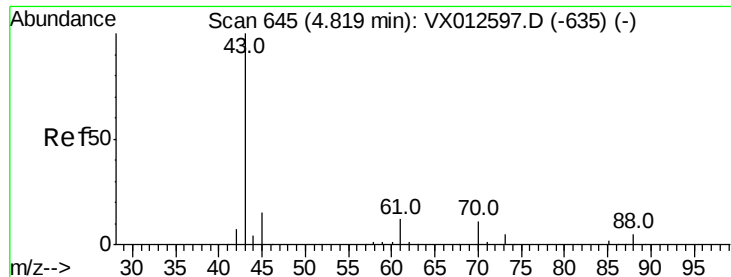


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.424 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

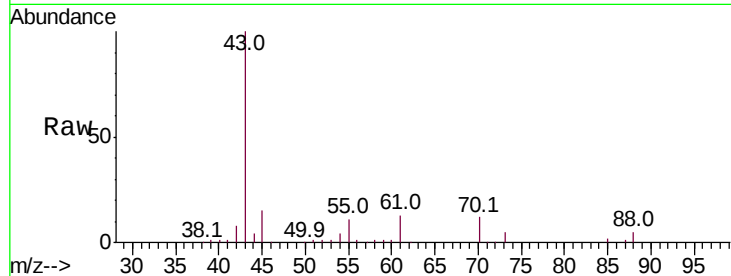
Tot Ion: 43 Resp: 64680

Ion Ratio Lower Upper

43 100

61 13.7 10.2 15.4

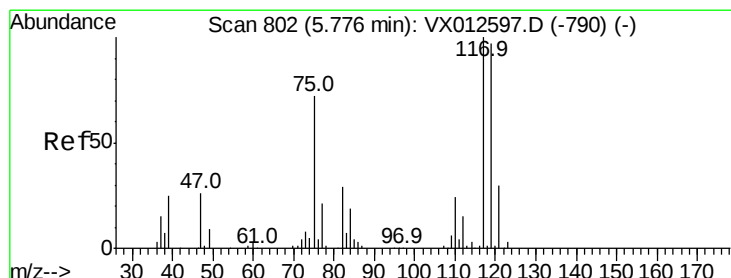
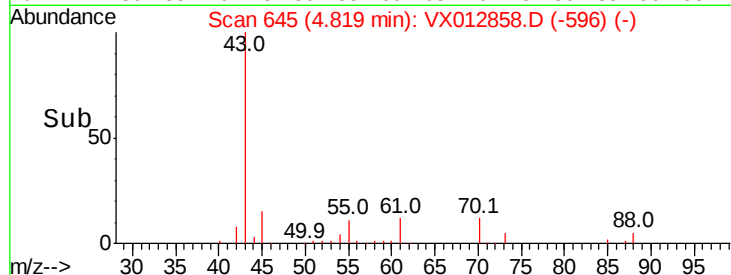
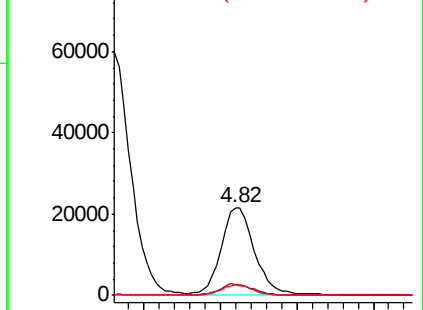
70 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-635) (-)

Ion 60.90 (60.60 to 61.60): VX012597.D (-635) (-)

Ion 70.00 (69.70 to 70.70): VX012597.D (-635) (-)



#38

Carbon Tetrachloride

Concen: 17.377 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

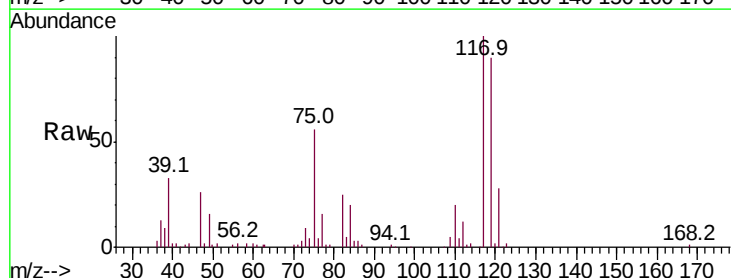
Tgt Ion: 117 Resp: 50278

Ion Ratio Lower Upper

117 100

119 89.8 75.7 113.5

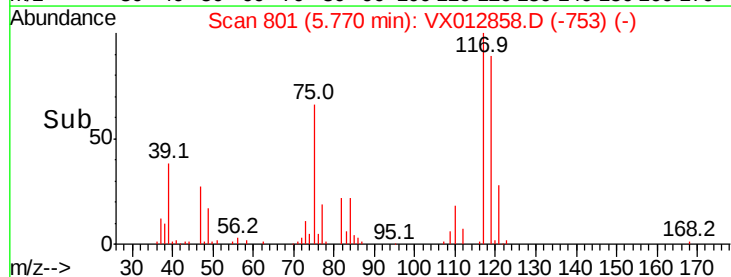
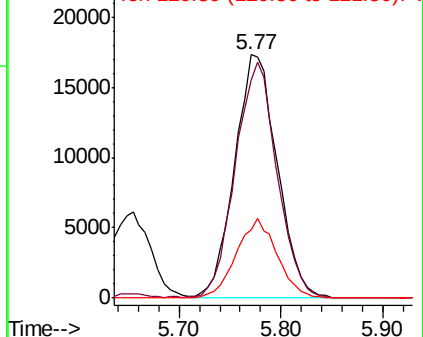
121 28.2 24.2 36.4

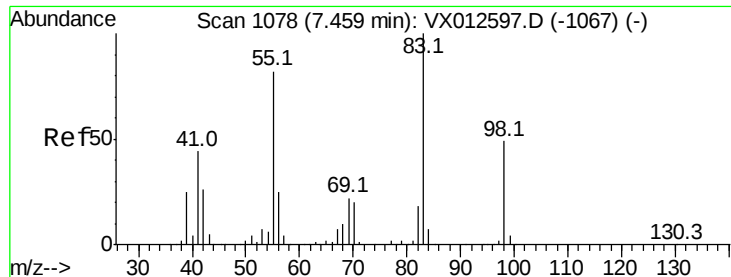


Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012597.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012597.D (-790) (-)

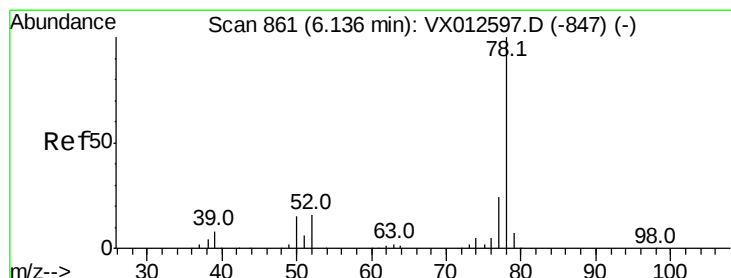
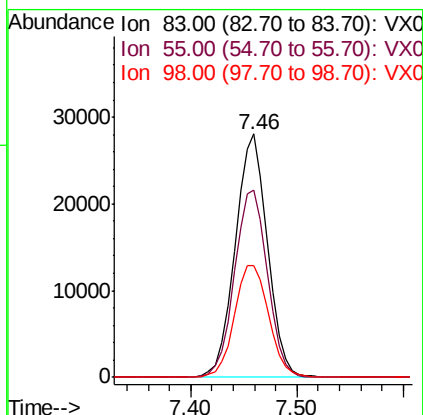
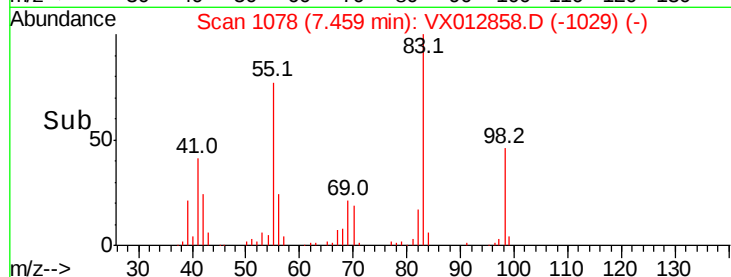
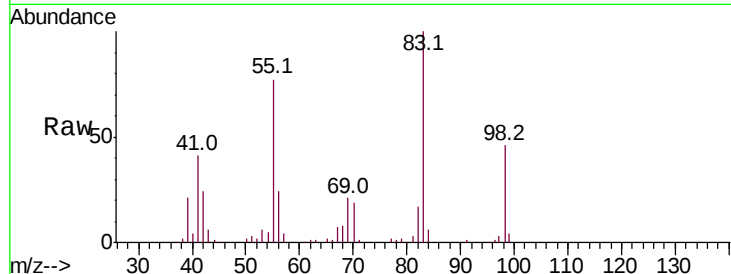




#39
Methylvlcyclohexane
Concen: 17.413 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

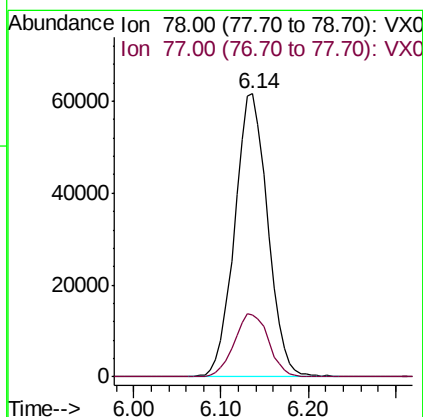
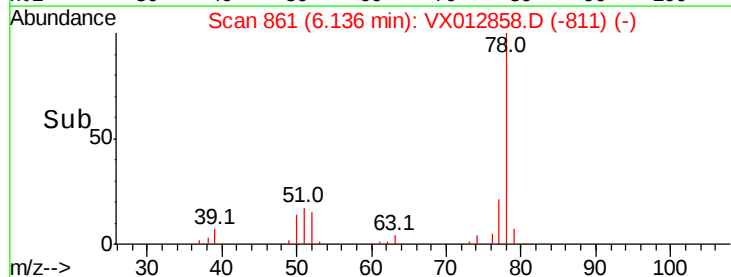
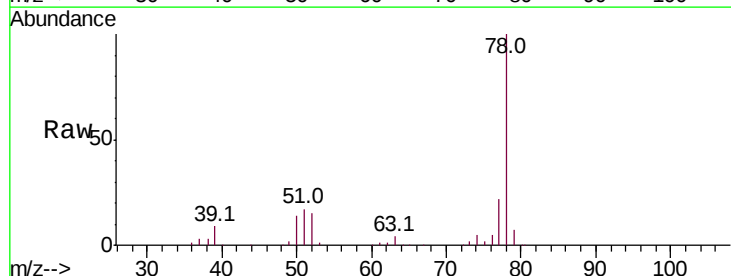
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

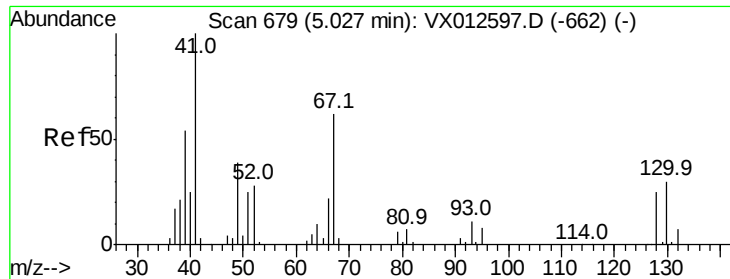
Tot Ion: 83 Resp: 59710
Ion Ratio Lower Upper
83 100
55 76.7 64.4 96.6
98 45.8 40.1 60.1



#40
Benzene
Concen: 19.299 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 78 Resp: 161736
Ion Ratio Lower Upper
78 100
77 22.0 19.2 28.8

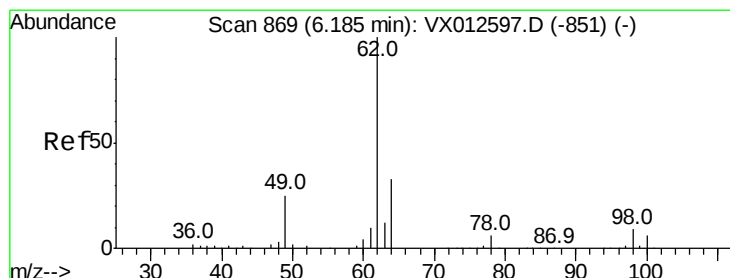
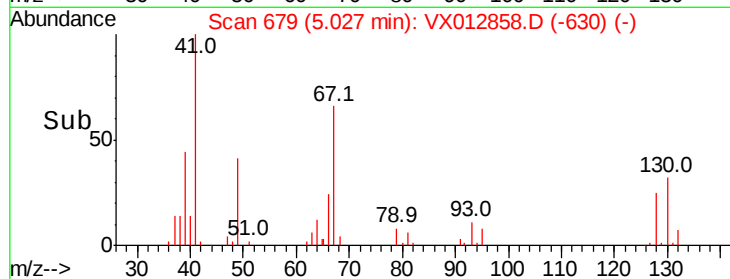
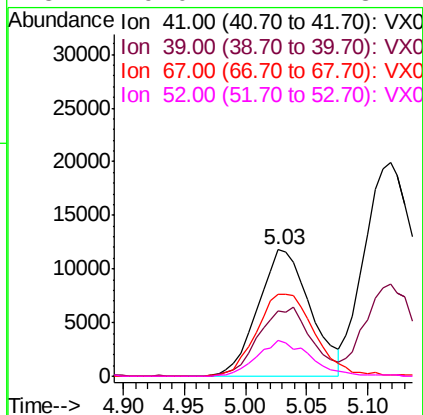
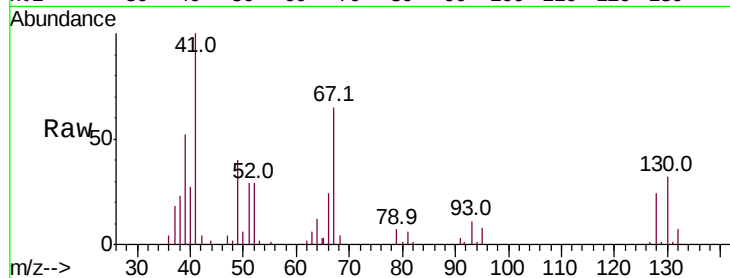




#41
Methacrylonitrile
Concen: 18.855 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

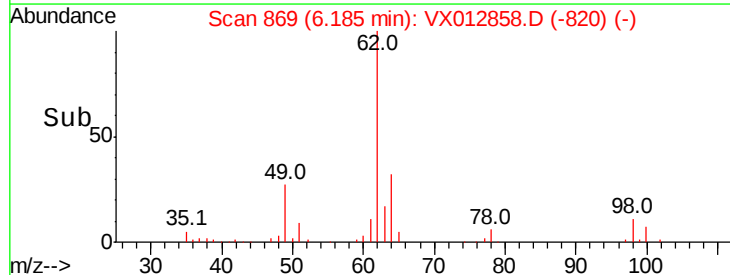
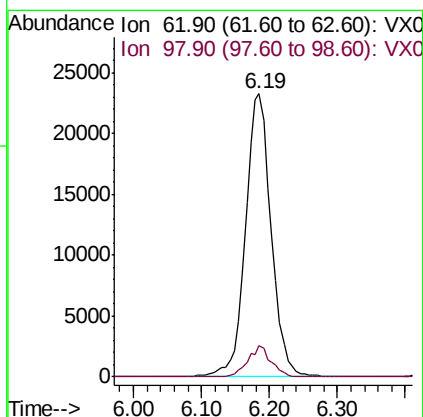
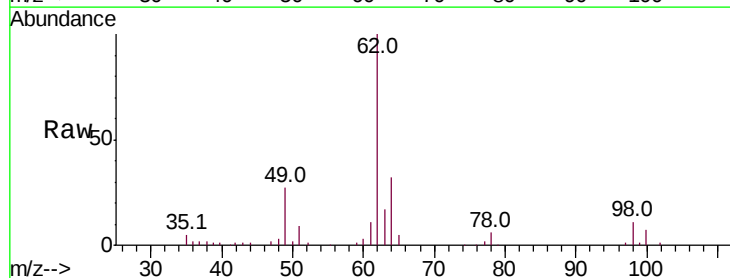
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

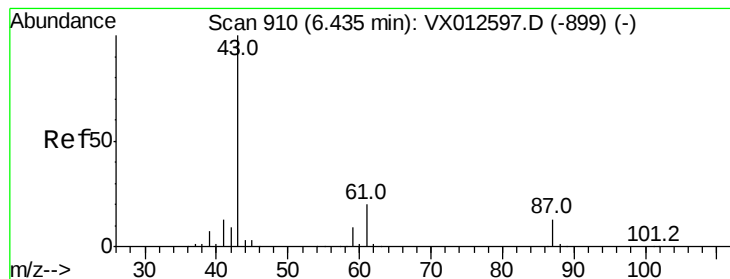
Tot Ion:	41	Resp:	35228
Ion	Ratio	Lower	Upper
41	100		
39	55.3	46.0	69.0
67	72.4	52.2	78.2
52	29.0	22.7	34.1



#42
1,2-Dichloroethane
Concen: 19.106 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion:	62	Resp:	60804
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.052 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

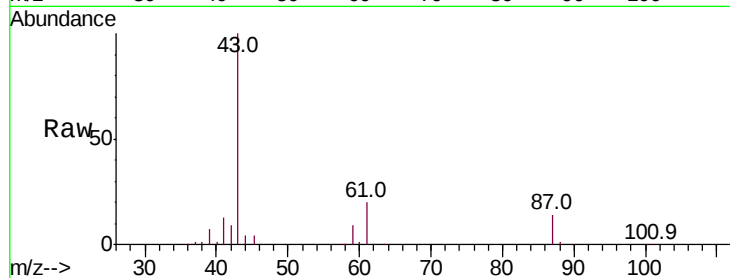
Tot Ion: 43 Resp: 106095

Ion Ratio Lower Upper

43 100

61 20.1 15.4 23.0

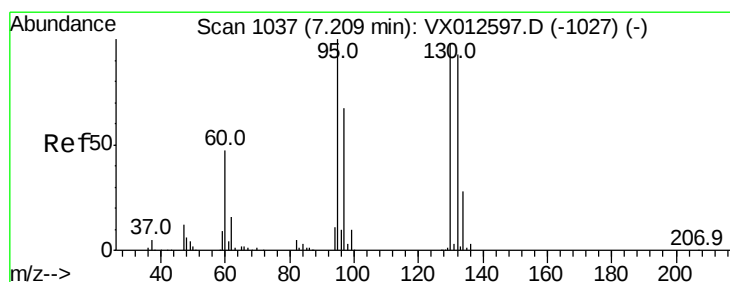
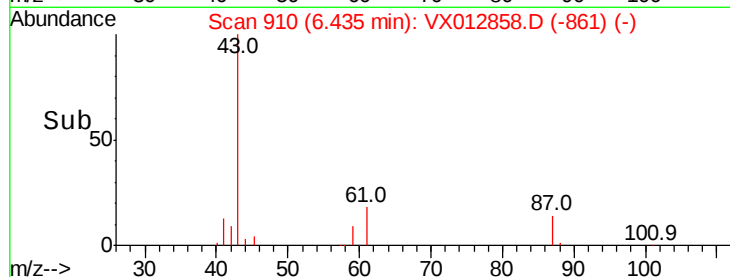
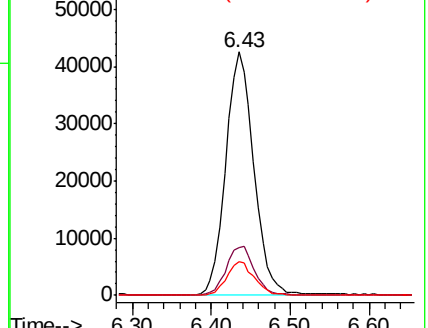
87 13.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.970 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012858.D

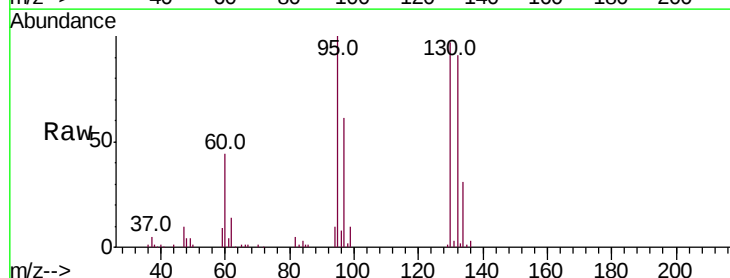
Acq: 07 Oct 2019 23:46

Tgt Ion:130 Resp: 40641

Ion Ratio Lower Upper

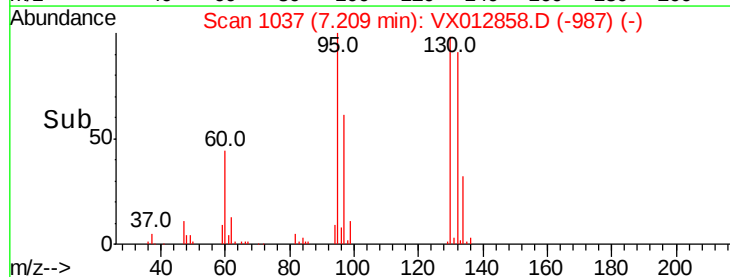
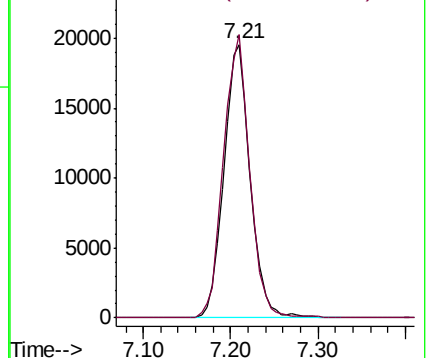
130 100

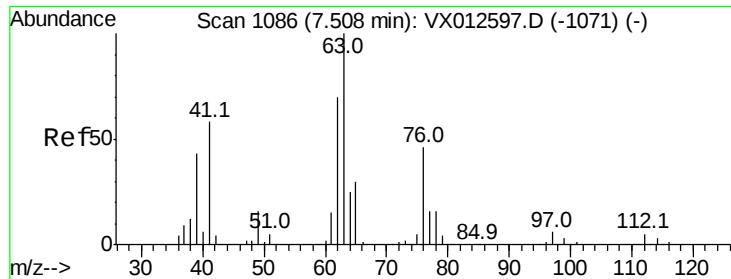
95 103.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

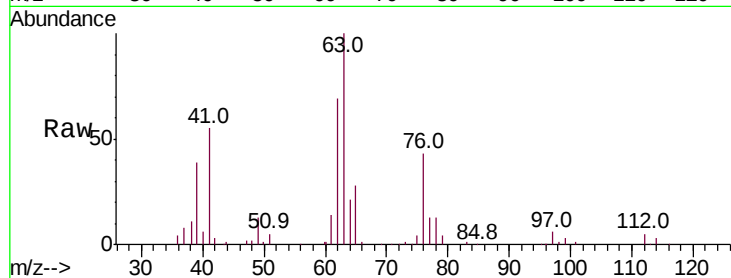




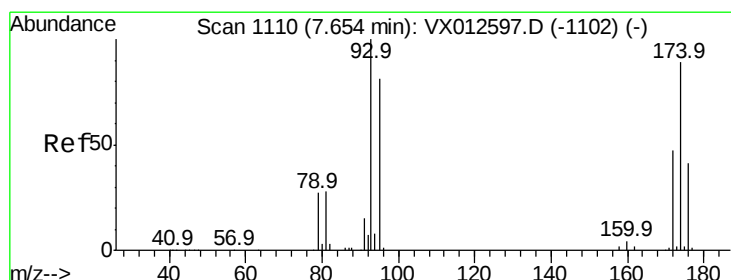
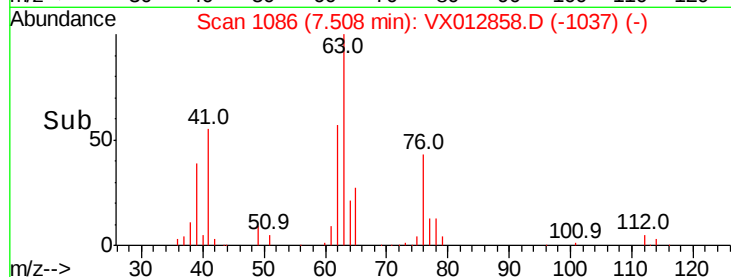
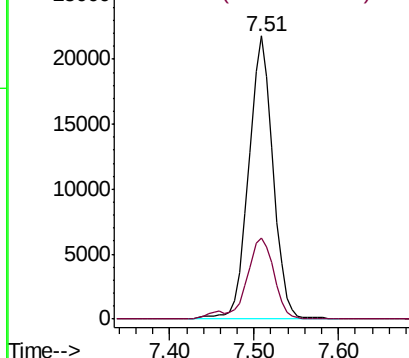
#45
 1,2-Dichloropropane
 Concen: 19.733 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion: 63 Resp: 42340
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.0 37.6

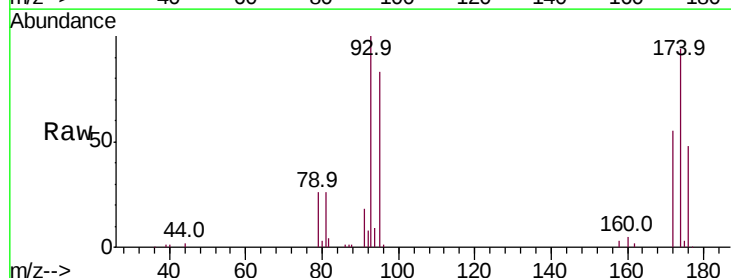


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

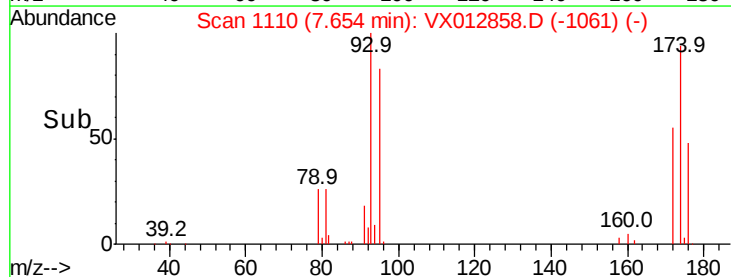
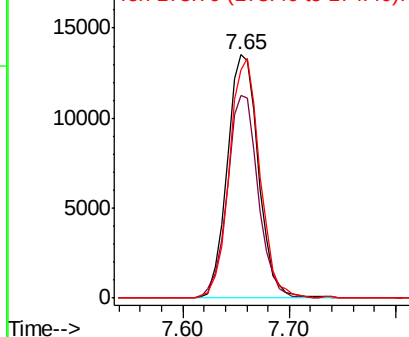


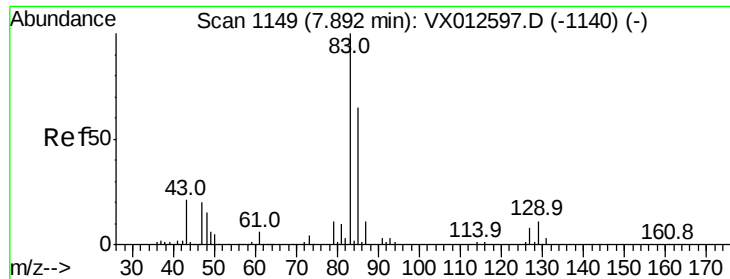
#46
 Dibromomethane
 Concen: 19.003 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 93 Resp: 27761
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 100.0
 174 96.0 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0
 Ion 94.80 (94.50 to 95.50): VX0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.715 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

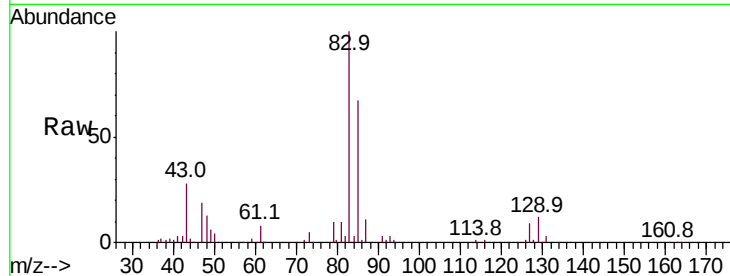
Tot Ion: 83 Resp: 54640

Ion Ratio Lower Upper

83 100

85 66.9 51.8 77.6

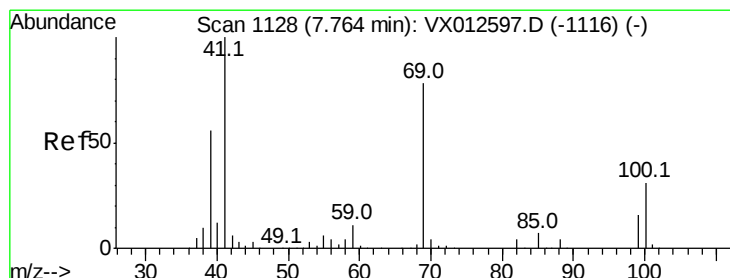
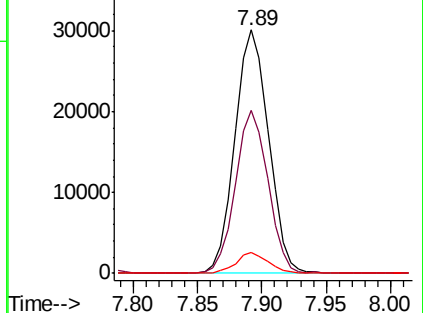
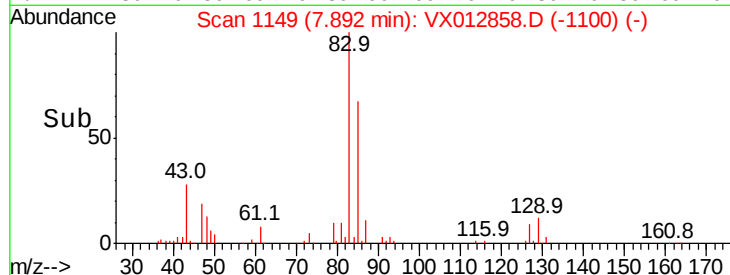
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.044 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

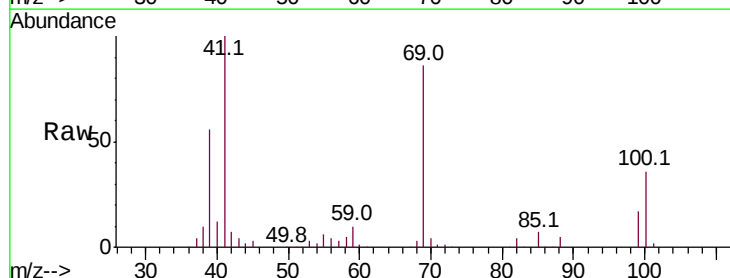
Tgt Ion: 41 Resp: 50850

Ion Ratio Lower Upper

41 100

69 81.9 59.9 89.9

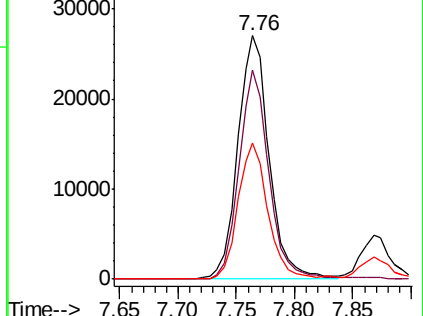
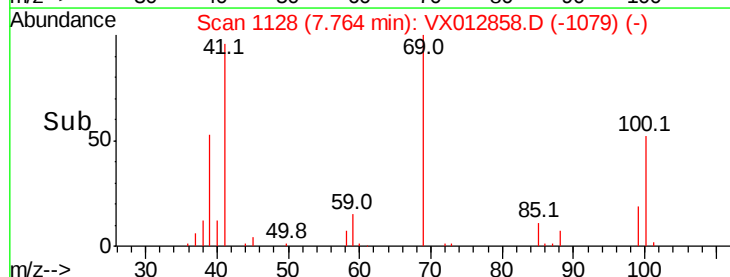
39 53.1 47.8 71.6

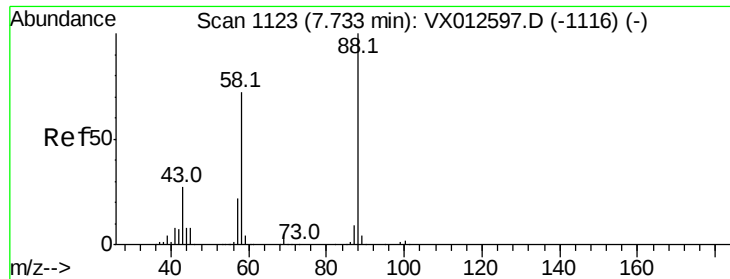


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

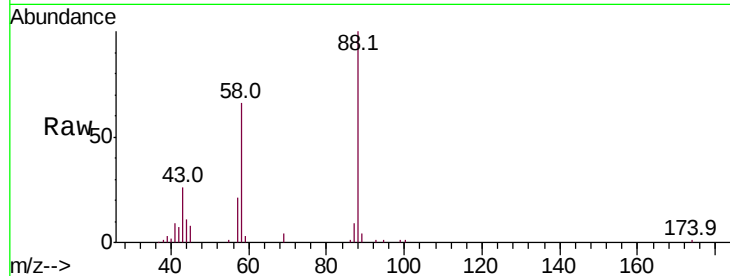




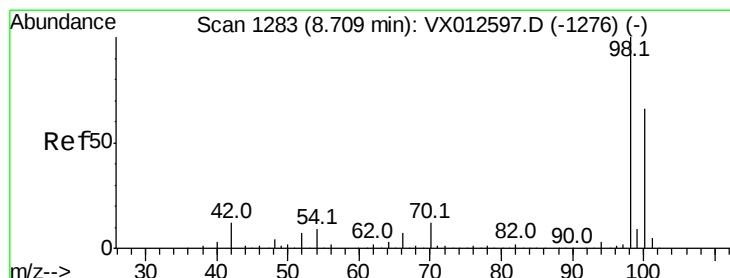
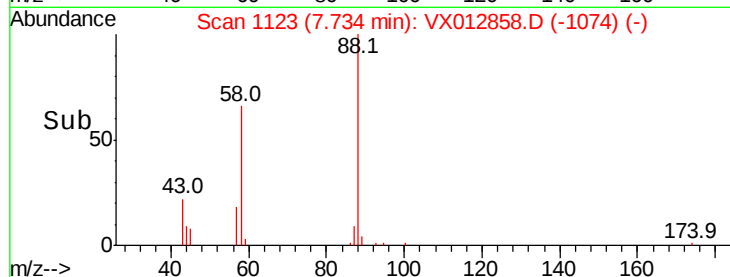
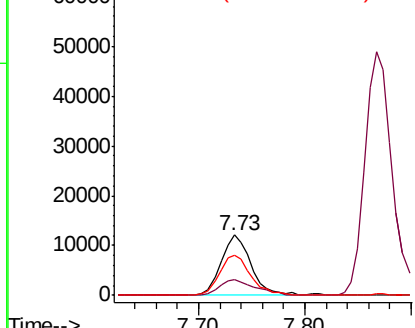
#49
1,4-Dioxane
Concen: 393.352 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion: 88 Resp: 23823
Ion Ratio Lower Upper
88 100
43 32.4 29.4 44.0
58 69.9 57.5 86.3

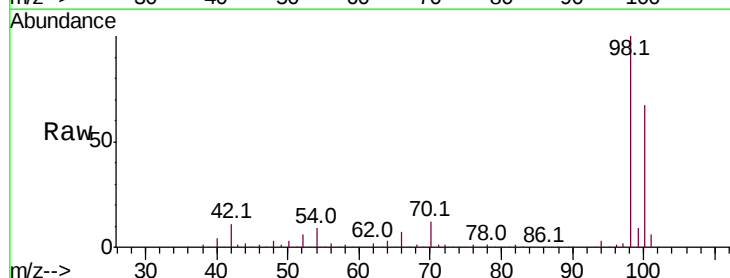


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

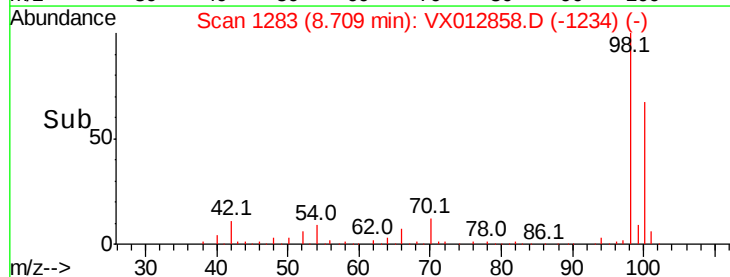
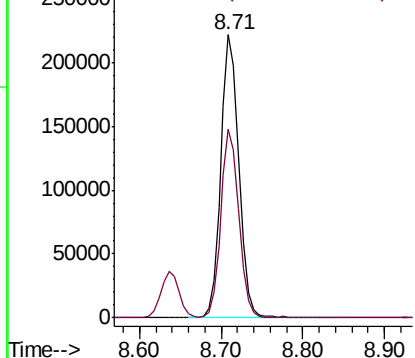


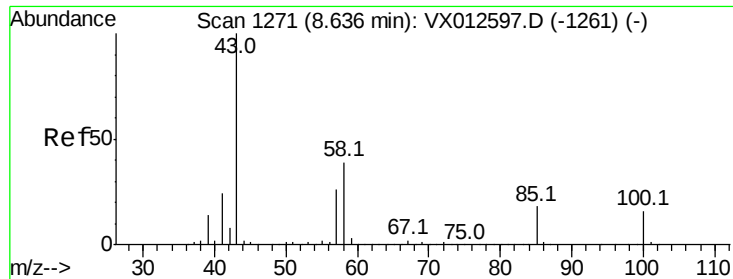
#50
Toluene-d8
Concen: 50.476 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 98 Resp: 342085
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.063 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

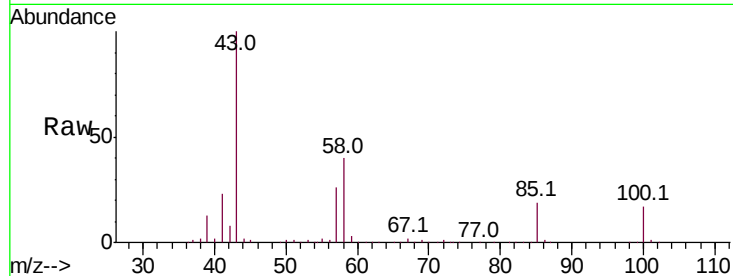
VX1007WBS02

Tot Ion: 43 Resp: 333649

Ion Ratio Lower Upper

43 100

58 39.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

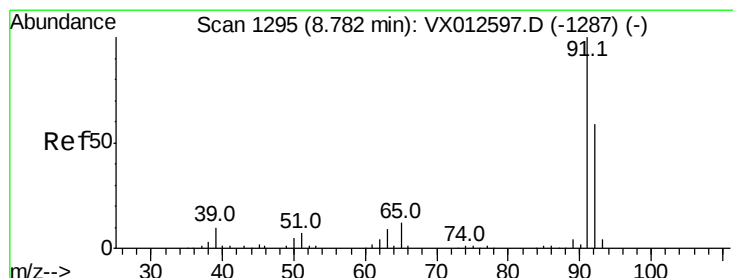
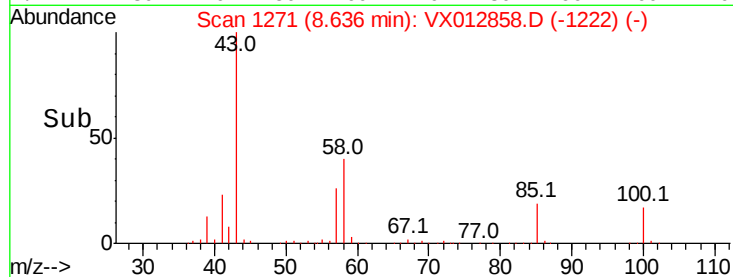
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.236 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012858.D

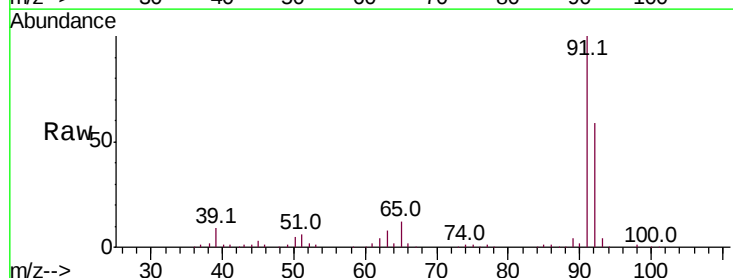
Acq: 07 Oct 2019 23:46

Tgt Ion: 92 Resp: 101321

Ion Ratio Lower Upper

92 100

91 166.8 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

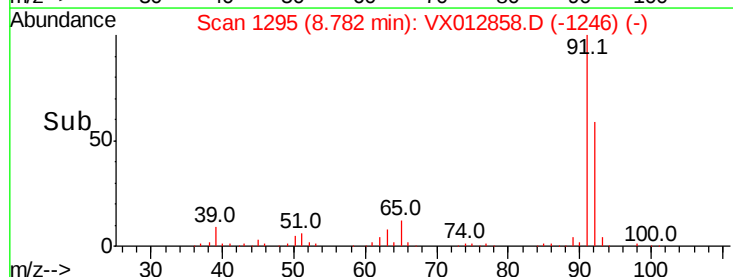
60000

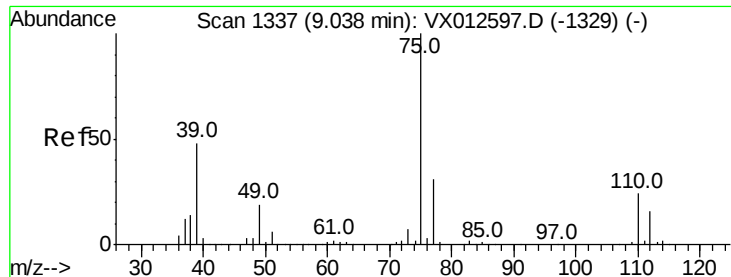
40000

20000

0

Time-->

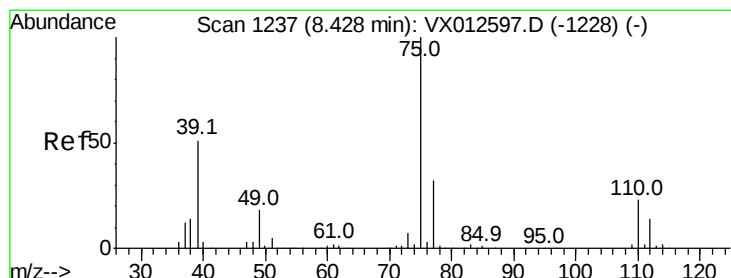
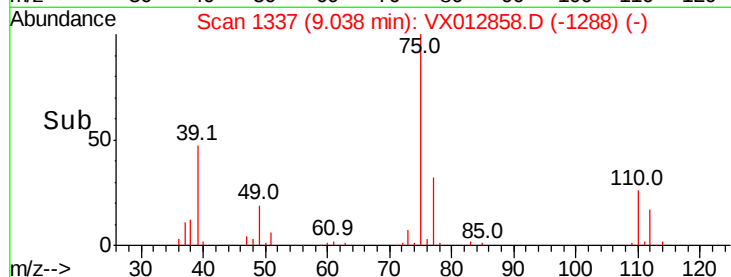
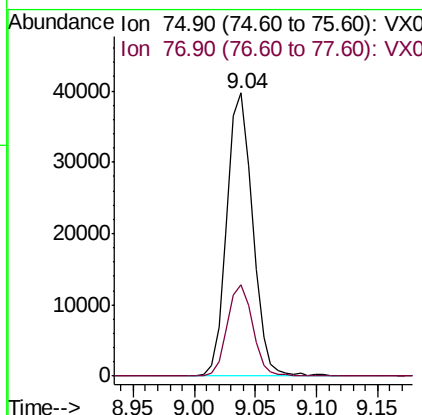
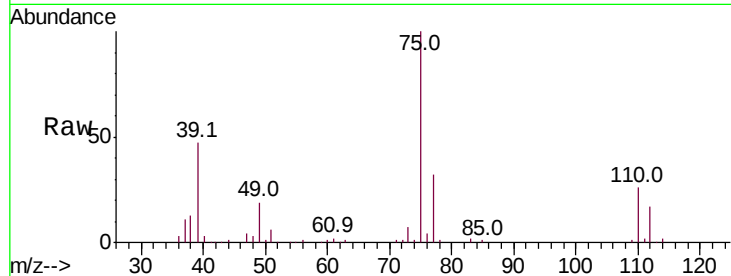




#53
 t-1,3-Dichloropropene
 Concen: 17.984 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

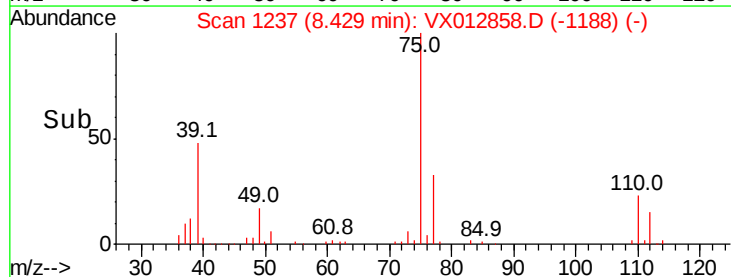
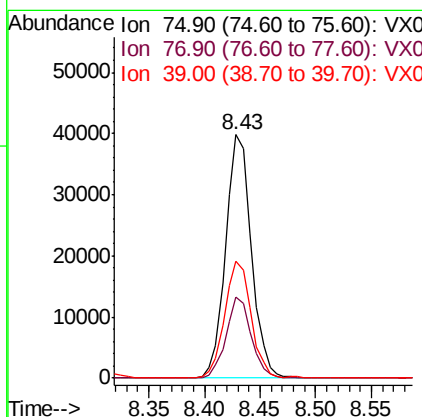
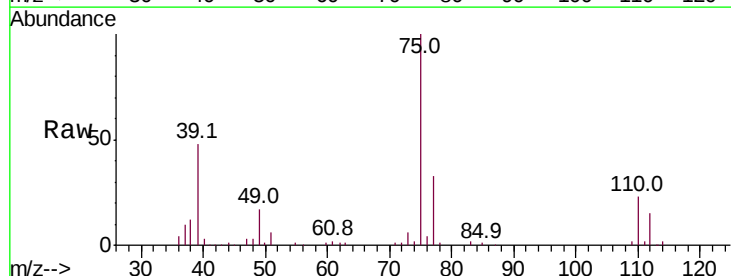
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

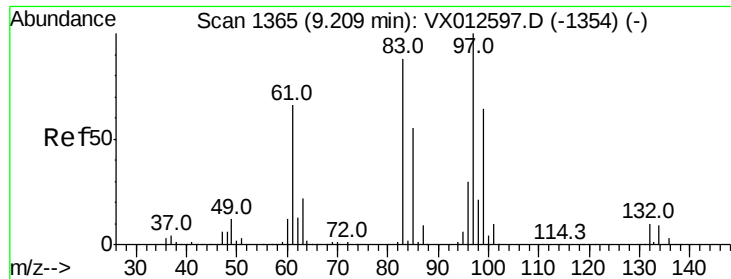
Tot Ion: 75 Resp: 58095
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.082 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 75 Resp: 63777
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.8 38.8
 39 47.9 45.5 68.3

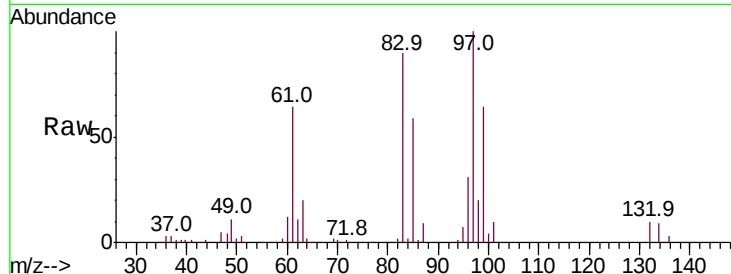




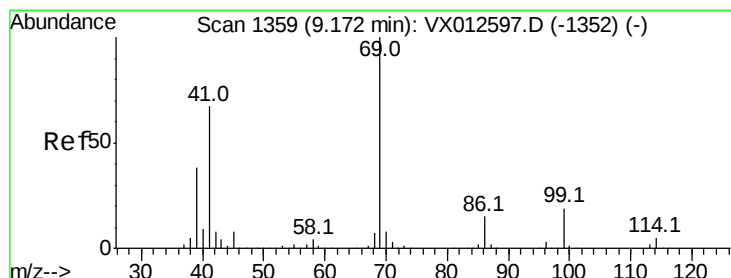
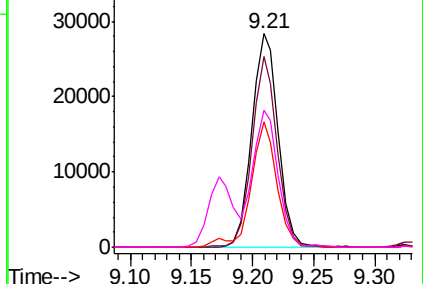
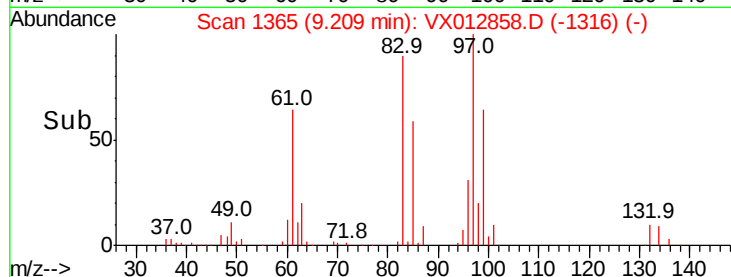
#55
 1,1,2-Trichloroethane
 Concen: 20.409 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion: 97 Resp: 42738
 Ion Ratio Lower Upper
 97 100
 83 89.6 67.4 101.2
 85 58.8 43.5 65.3
 99 63.7 51.8 77.8

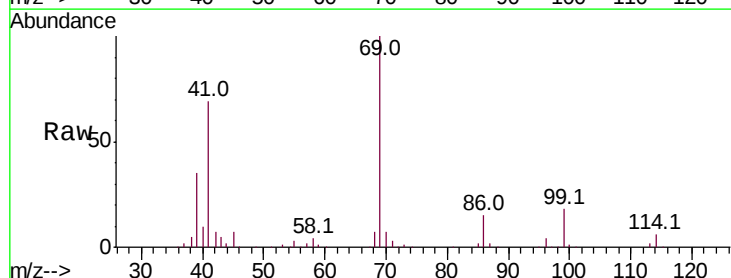


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

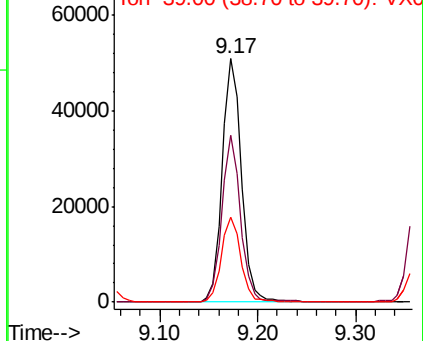
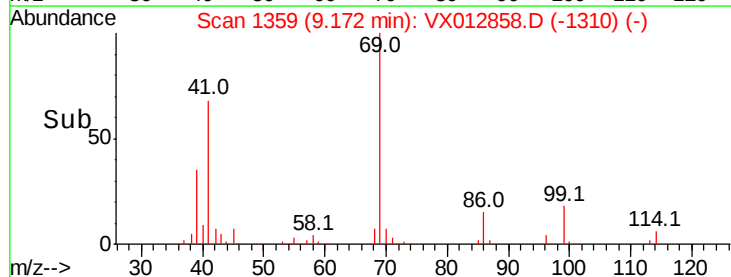


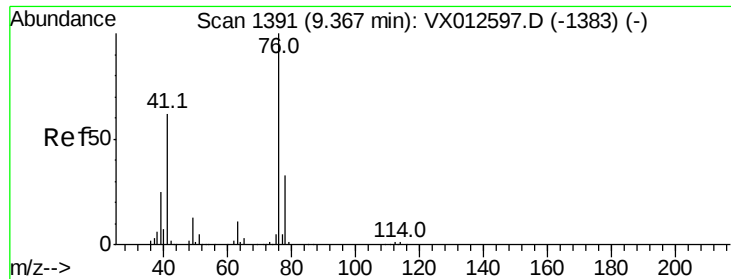
#56
 Ethyl methacrylate
 Concen: 19.808 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 69 Resp: 69685
 Ion Ratio Lower Upper
 69 100
 41 66.7 58.4 87.6
 39 35.0 33.4 50.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.958 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

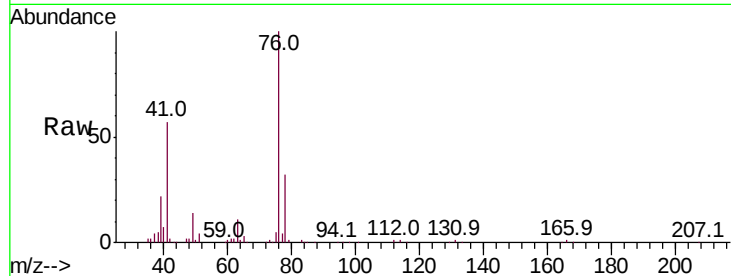
VX1007WBS02

Tot Ion: 76 Resp: 73147

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

60000

50000

40000

30000

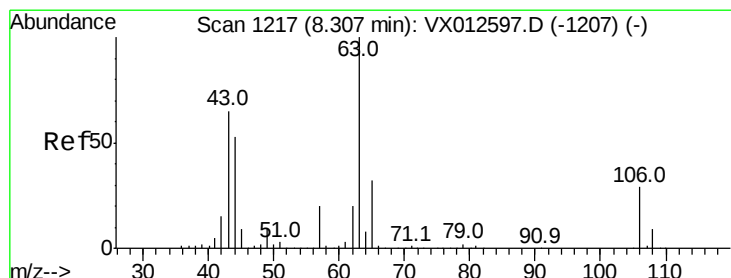
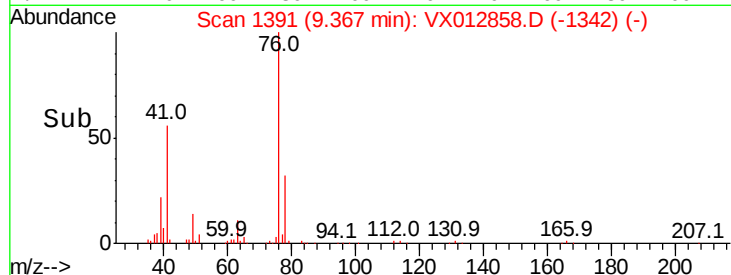
20000

10000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.641 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012858.D

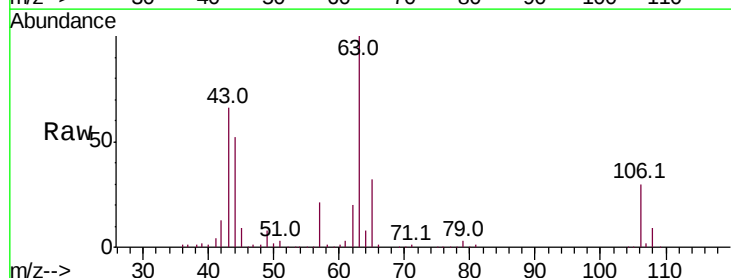
Acq: 07 Oct 2019 23:46

Tgt Ion: 63 Resp: 157349

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

60000

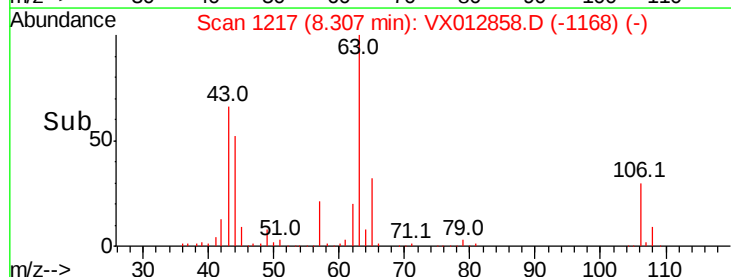
40000

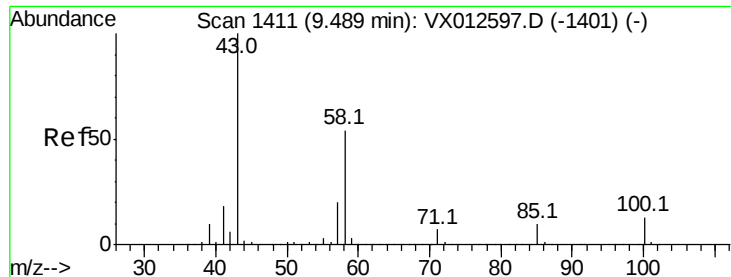
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->

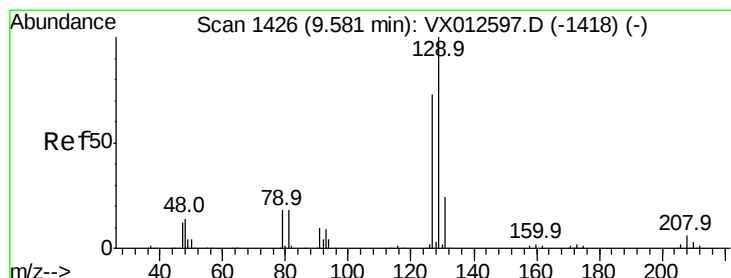
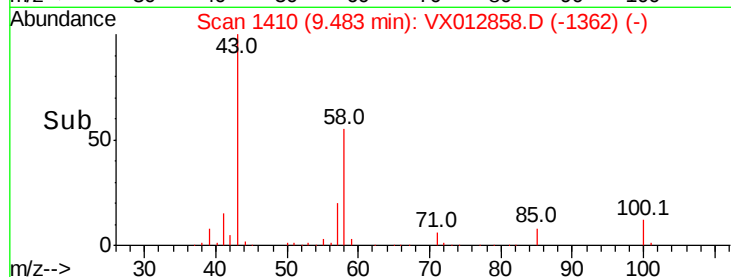
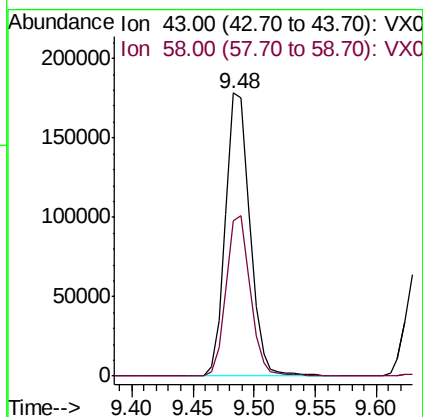
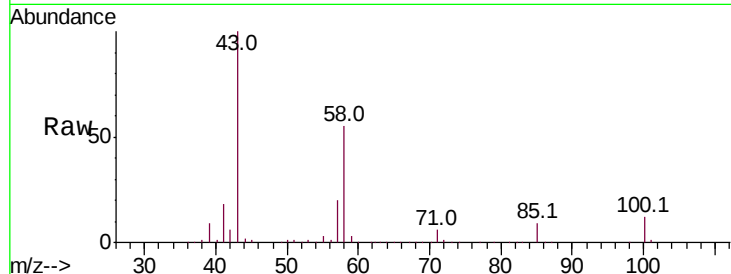




#59
2-Hexanone
Concen: 94.074 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

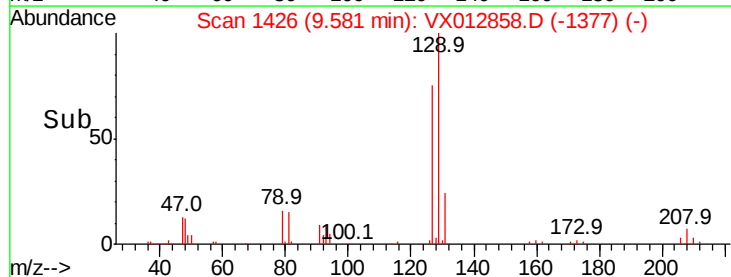
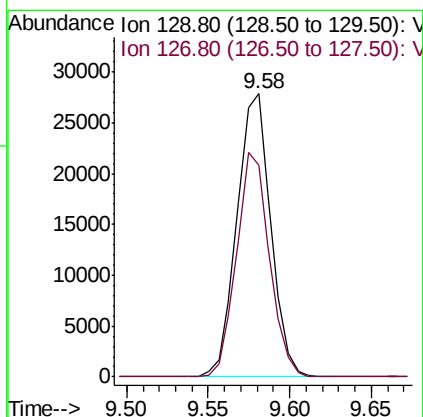
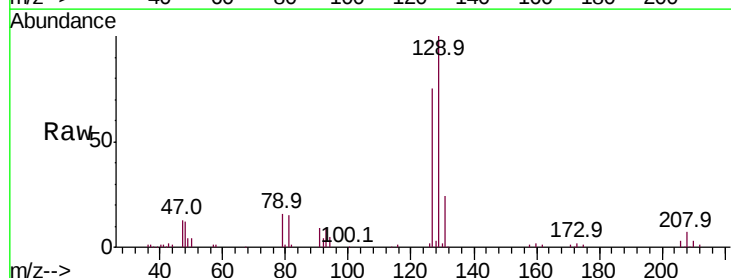
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

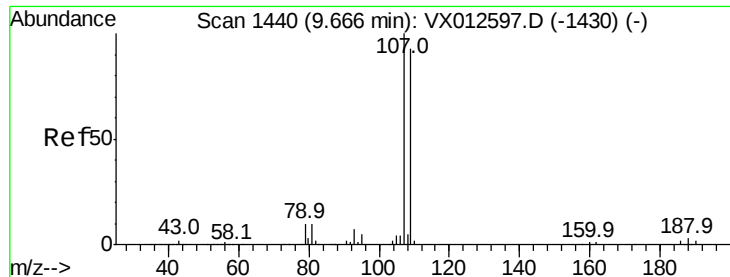
Tot Ion: 43 Resp: 247526
Ion Ratio Lower Upper
43 100
58 56.2 25.7 77.1



#60
Dibromochloromethane
Concen: 18.994 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 129 Resp: 40264
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

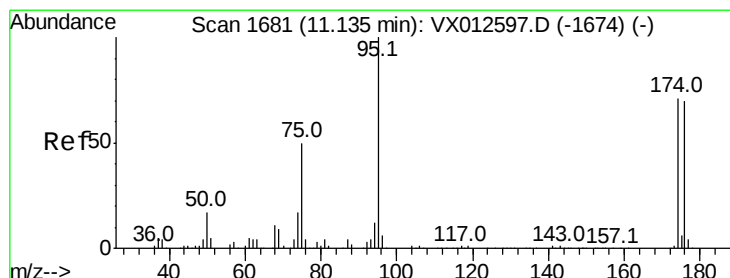
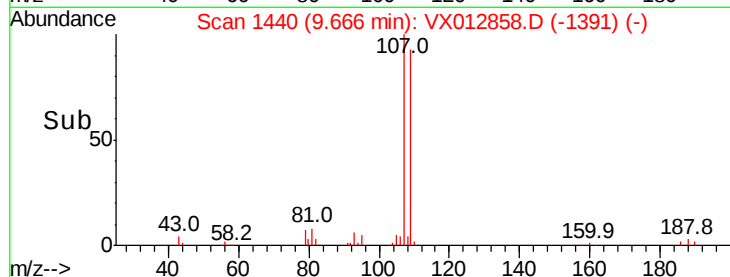
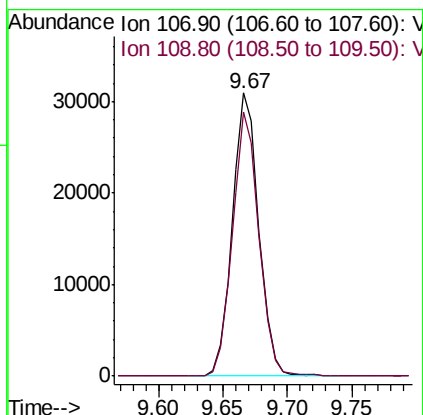
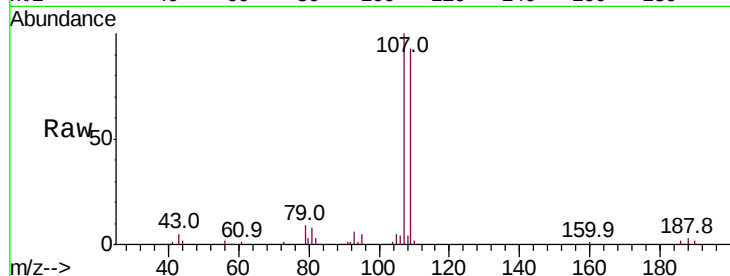




#61
 1,2-Dibromoethane
 Concen: 20.283 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

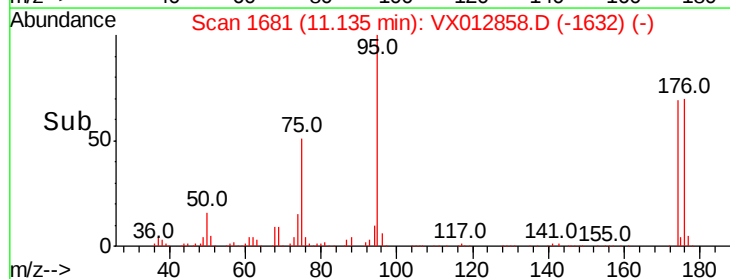
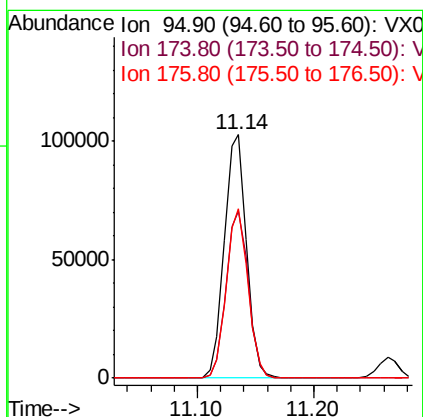
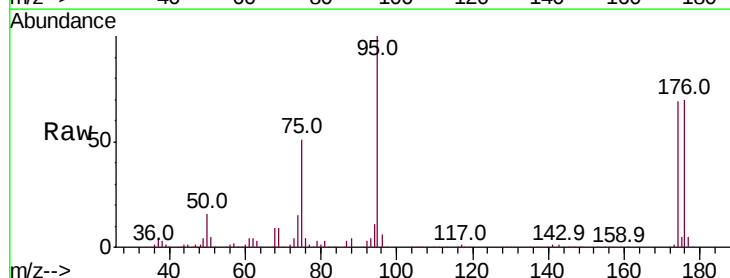
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

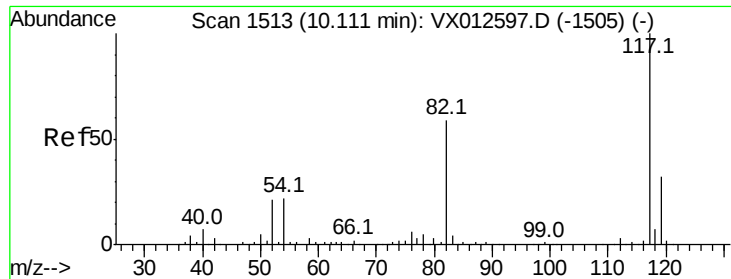
Tot Ion: 107 Resp: 44204
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.679 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 95 Resp: 135051
 Ion Ratio Lower Upper
 95 100
 174 69.2 0.0 140.0
 176 68.4 0.0 135.4

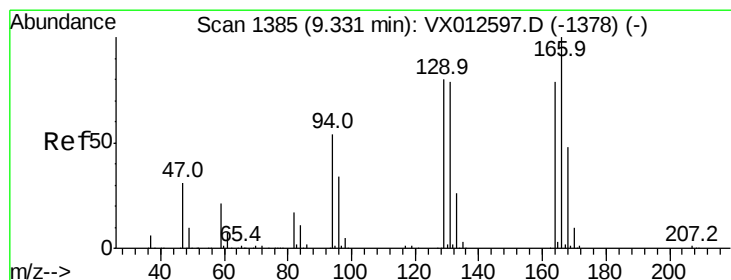
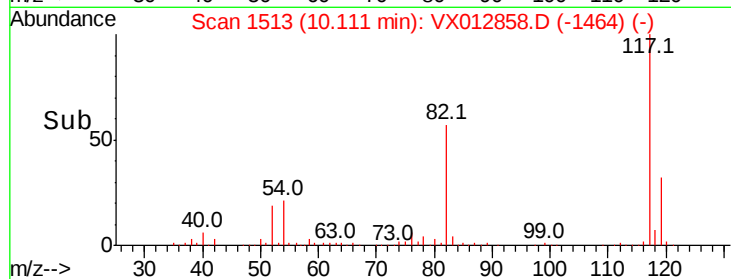
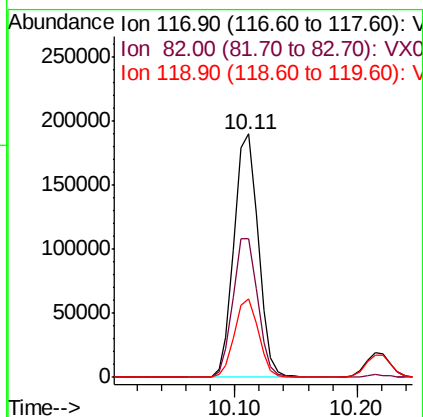
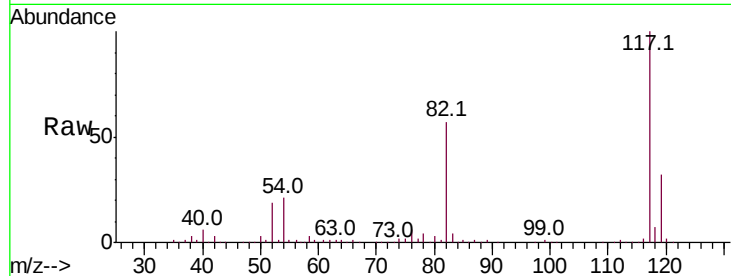




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

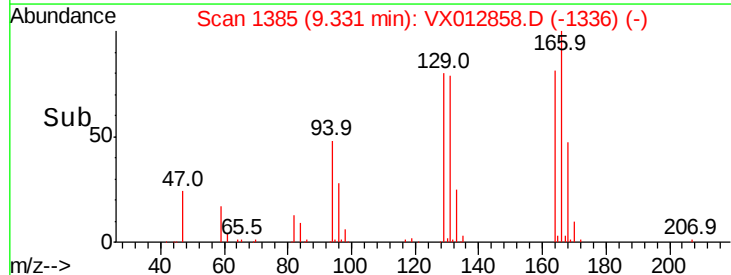
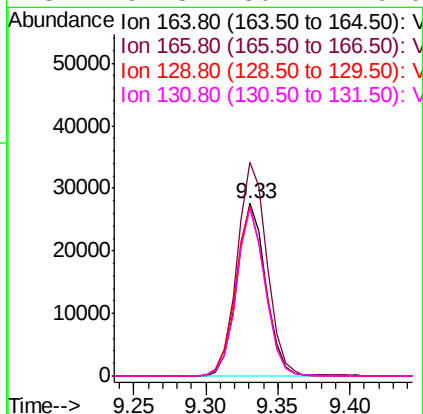
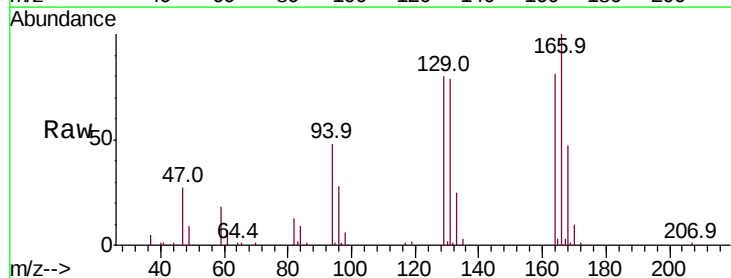
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

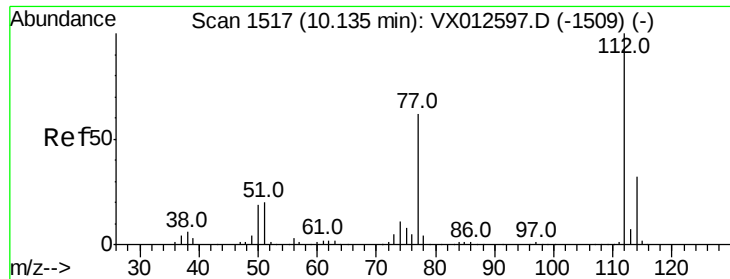
Tot Ion:117 Resp: 260908
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 21.206 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion:164 Resp: 38576
Ion Ratio Lower Upper
164 100
166 123.7 107.8 161.6
129 98.4 86.2 129.2
131 97.3 80.4 120.6

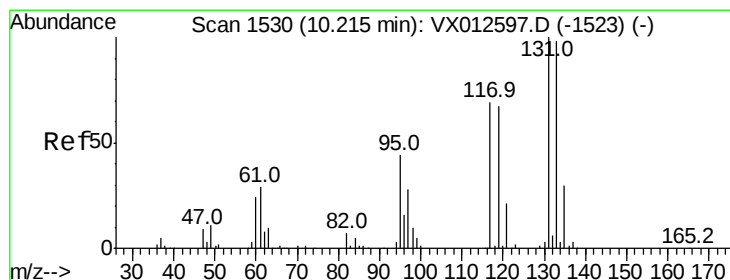
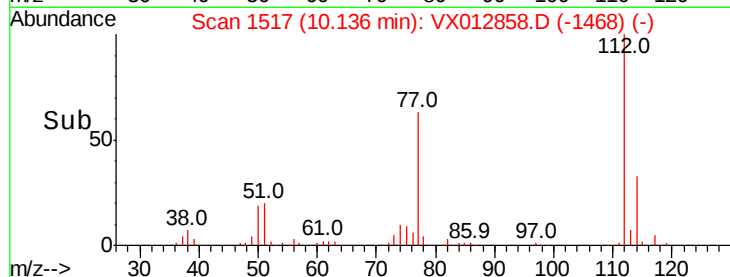
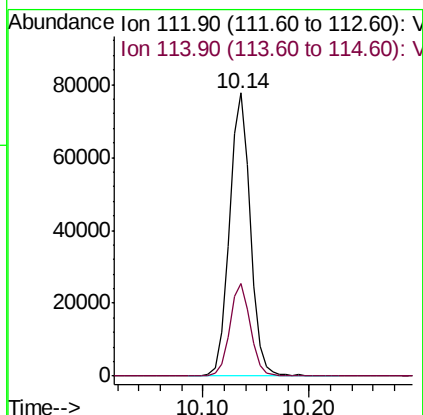
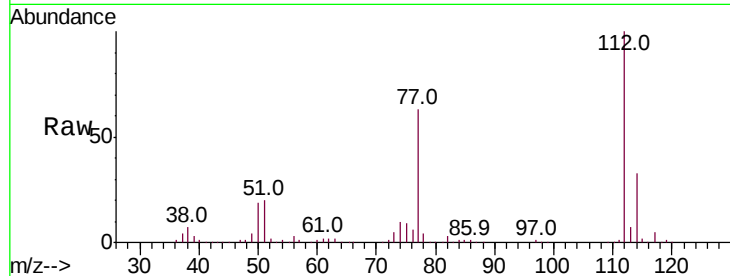




#65
Chlorobenzene
Concen: 19.400 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

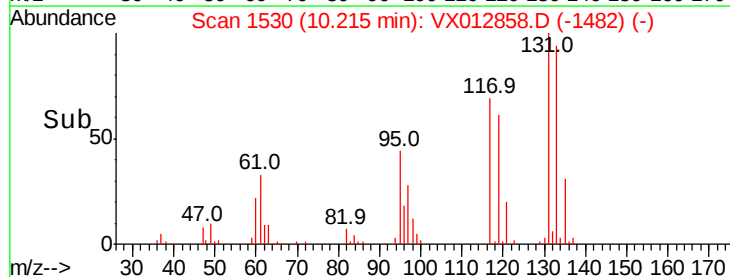
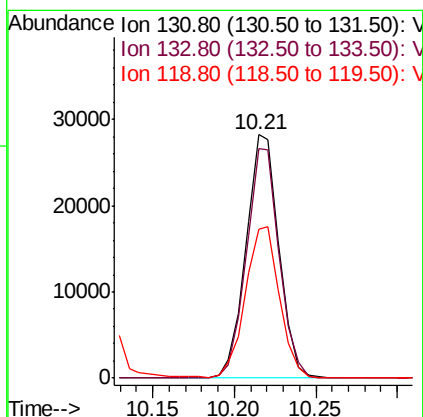
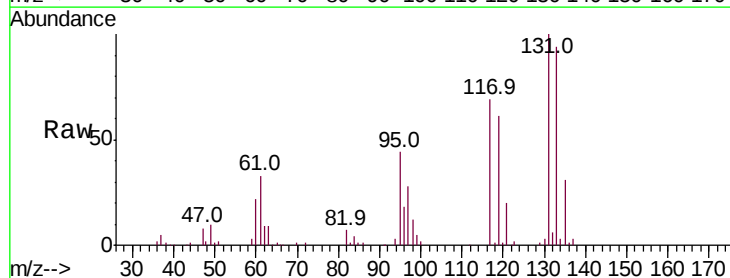
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

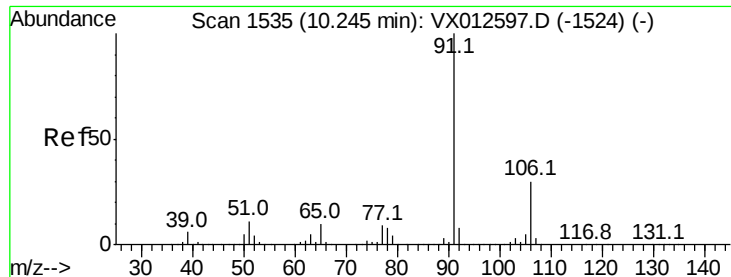
Tot Ion:112 Resp: 106587
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.847 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion:131 Resp: 39508
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 64.5 31.3 93.8

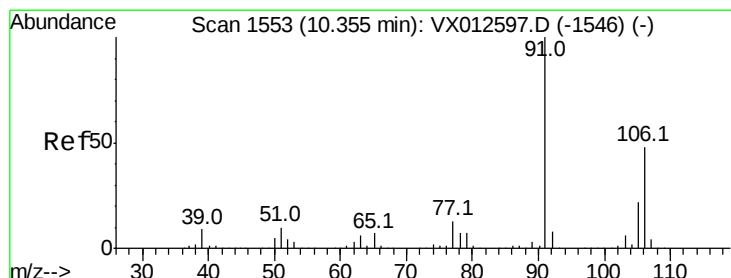
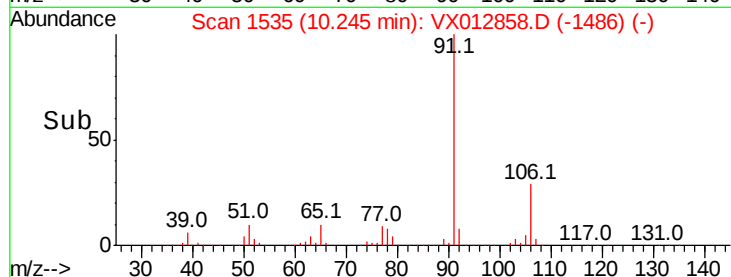
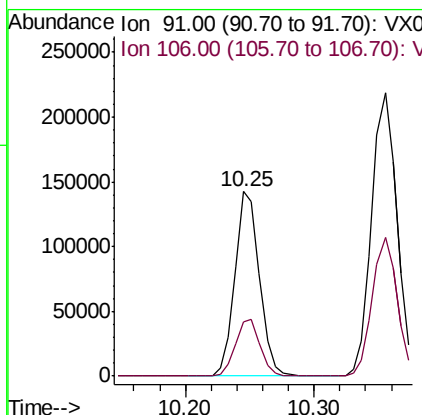
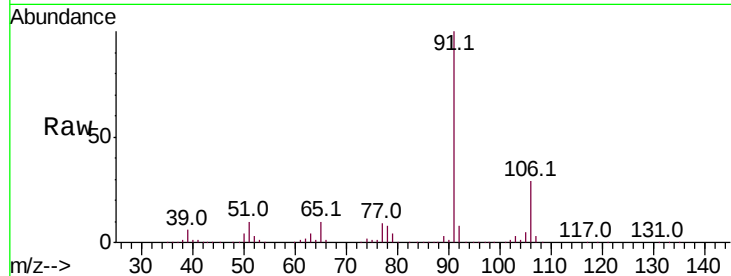




#67
Ethyl Benzene
Concen: 19.002 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

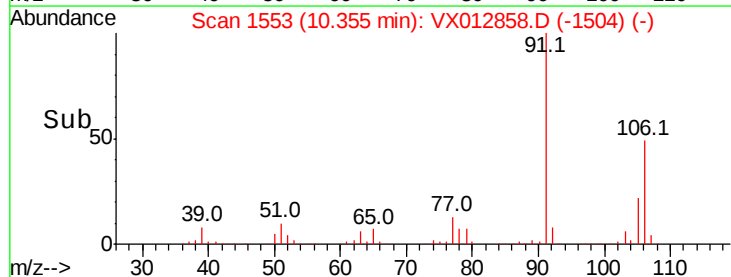
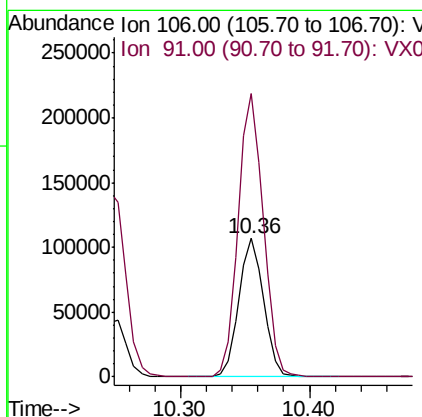
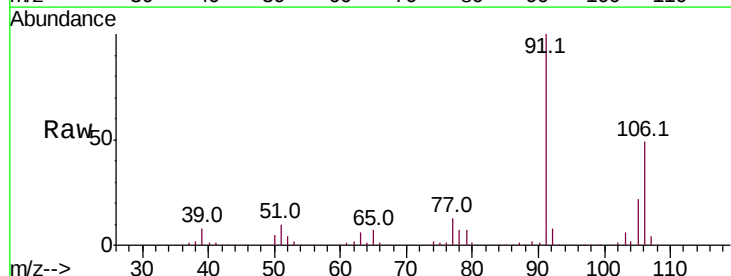
Instrument :
MSVOA_X
ClientSampled :
VX1007WBS02

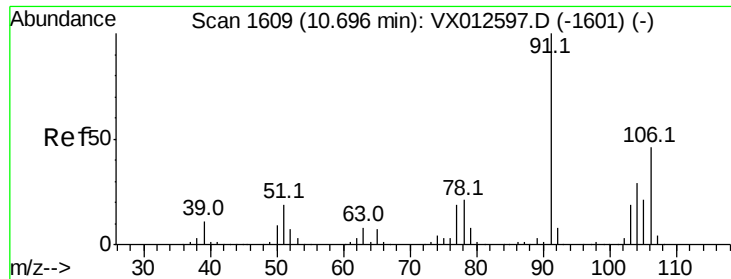
Tot Ion: 91 Resp: 189351
Ion Ratio Lower Upper
91 100
106 29.2 24.6 37.0



#68
m/p-Xylenes
Concen: 38.273 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 106 Resp: 142869
Ion Ratio Lower Upper
106 100
91 207.1 166.6 250.0

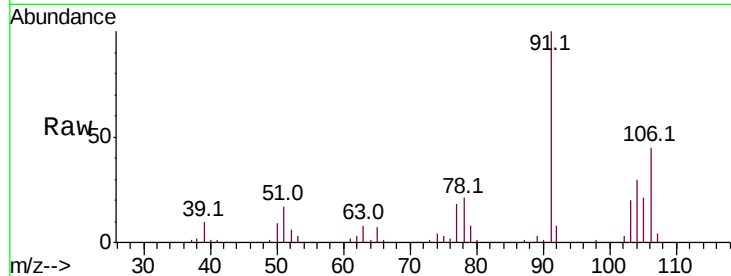




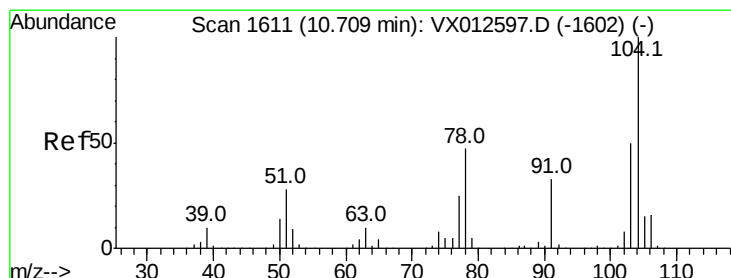
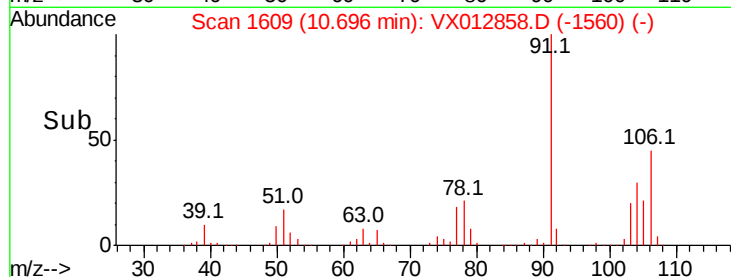
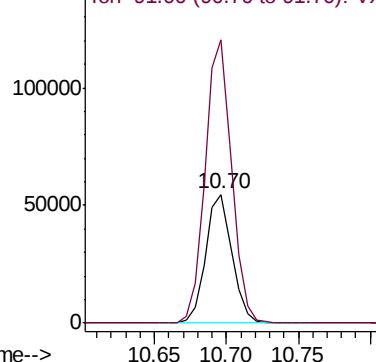
#69
o-Xylene
Concen: 19.300 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion:106 Resp: 69712
Ion Ratio Lower Upper
106 100
91 222.3 109.4 328.2

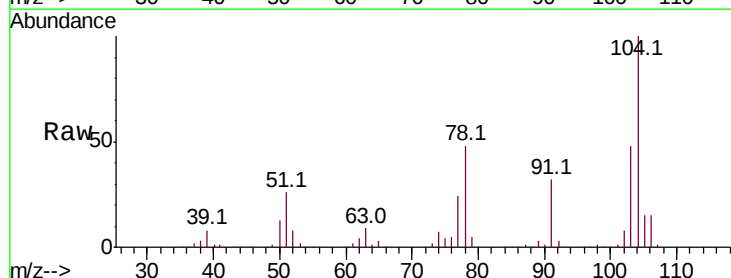


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

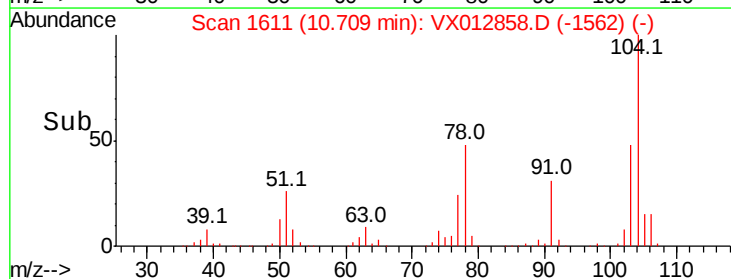
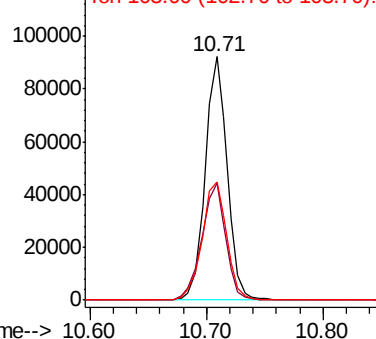


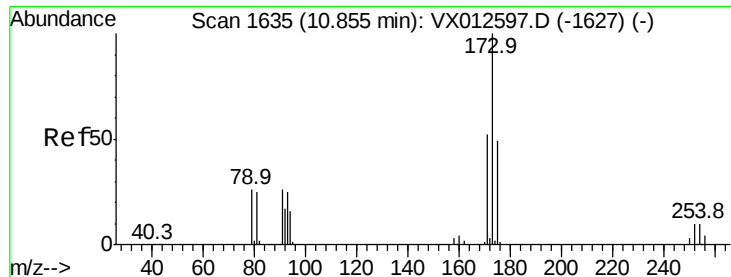
#70
Styrene
Concen: 20.002 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion:104 Resp: 121118
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 54.3 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.503 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampled :

VX1007WBS02

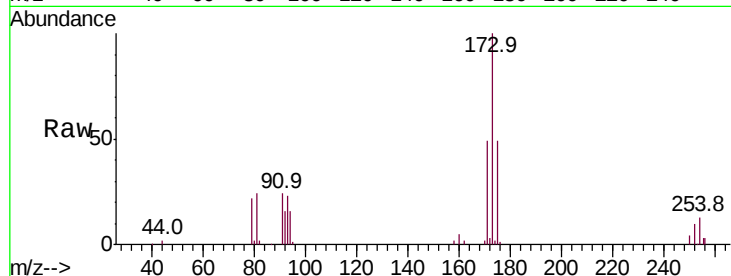
Tot Ion:173 Resp: 27034

Ion Ratio Lower Upper

173 100

175 50.0 23.7 71.1

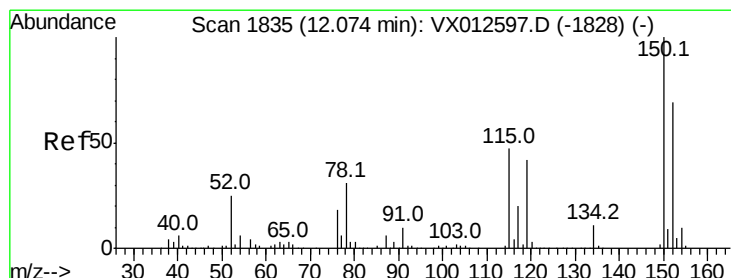
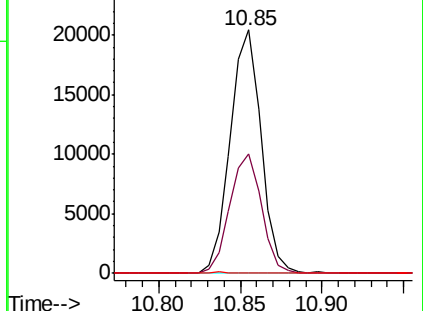
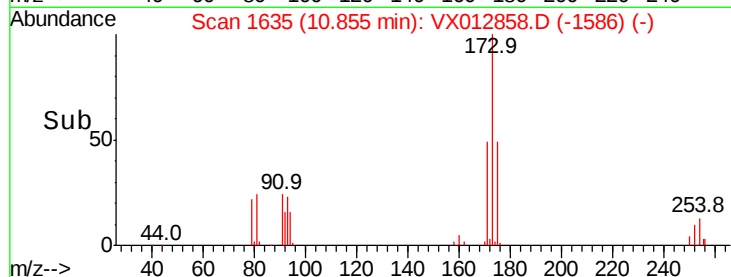
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

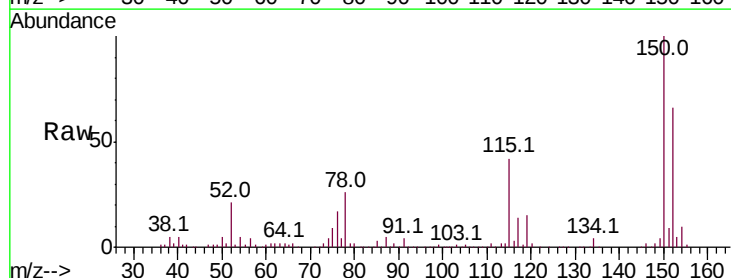
Tgt Ion:152 Resp: 120501

Ion Ratio Lower Upper

152 100

115 72.6 44.1 132.3

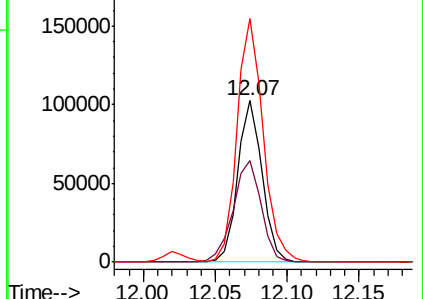
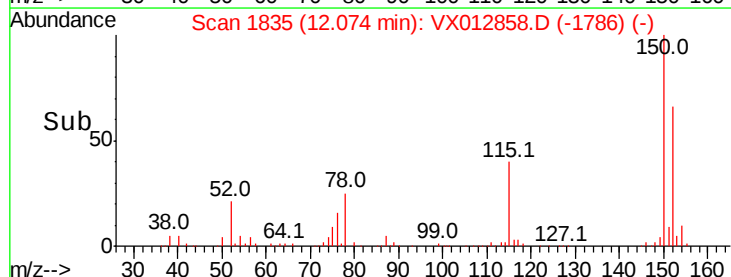
150 161.9 0.0 343.8

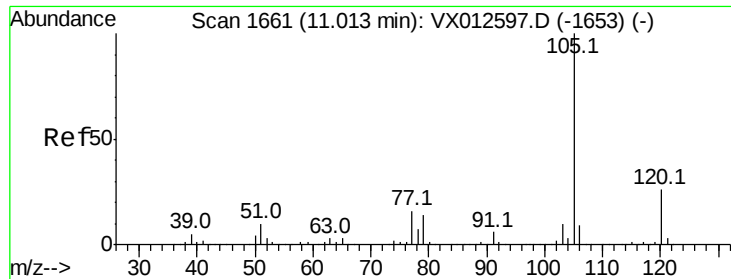


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.093 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

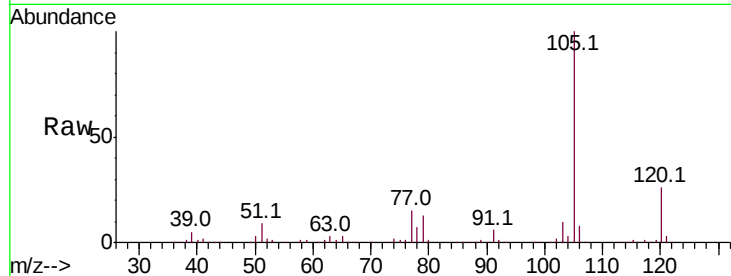
VX1007WBS02

Tot Ion:105 Resp: 187385

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

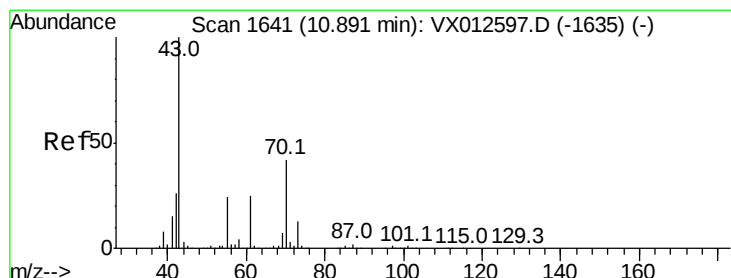
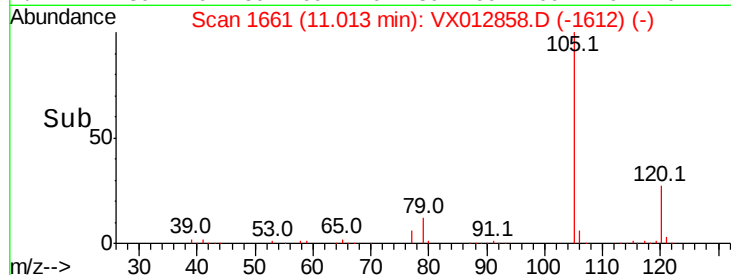
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.023 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion: 43 Resp: 84387

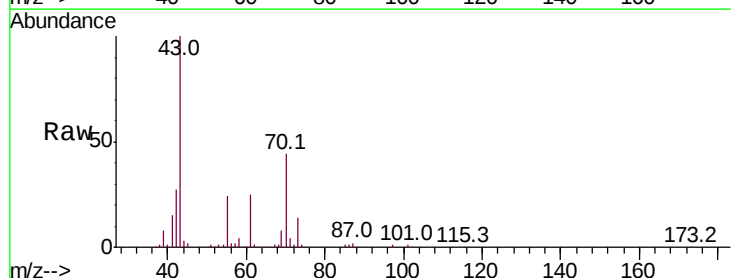
Ion Ratio Lower Upper

43 100

70 44.6 32.4 48.6

55 24.8 18.2 27.4

61 25.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

100000

80000

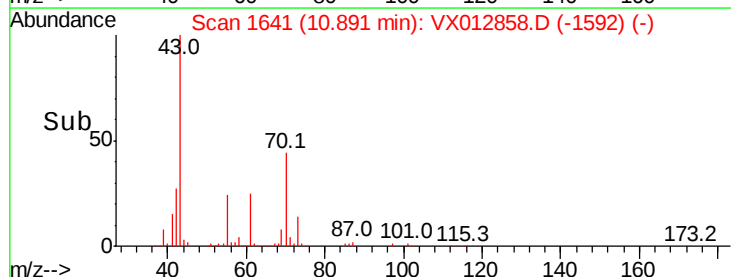
60000

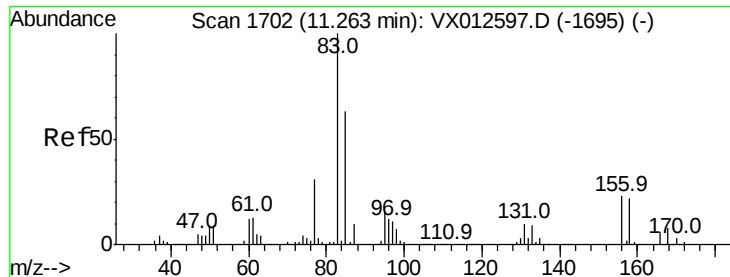
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.994 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

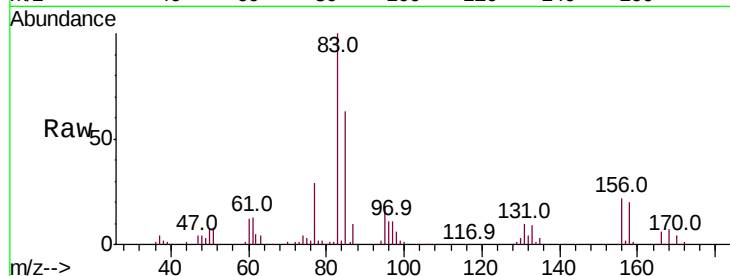
Tot Ion: 83 Resp: 64987

Ion Ratio Lower Upper

83 100

131 9.7 5.2 15.6

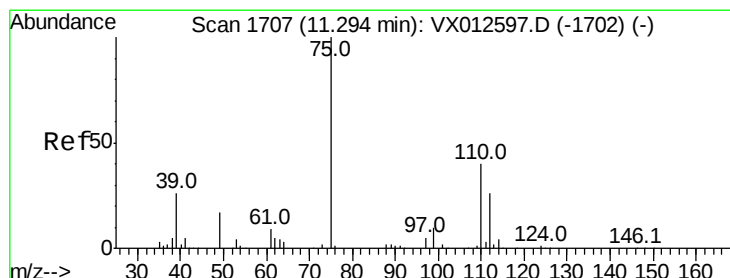
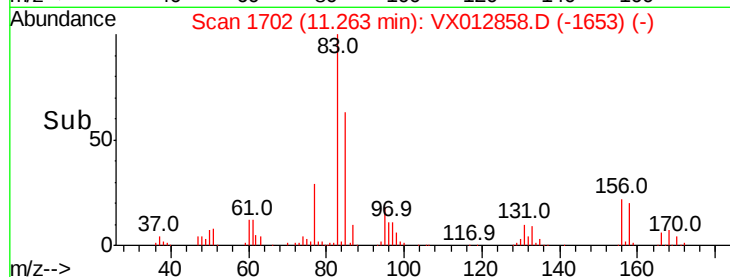
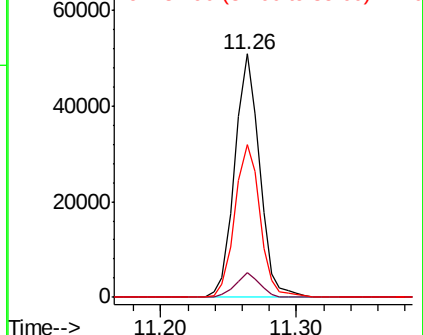
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.744 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012858.D

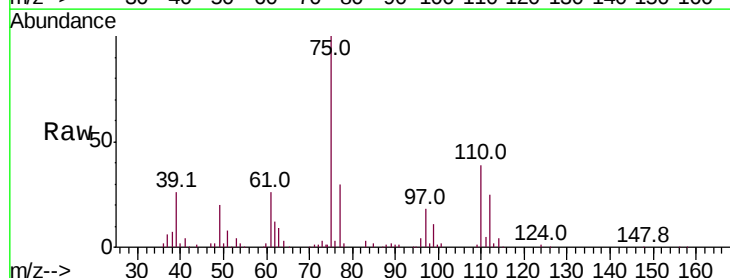
Acq: 07 Oct 2019 23:46

Tgt Ion: 75 Resp: 72498

Ion Ratio Lower Upper

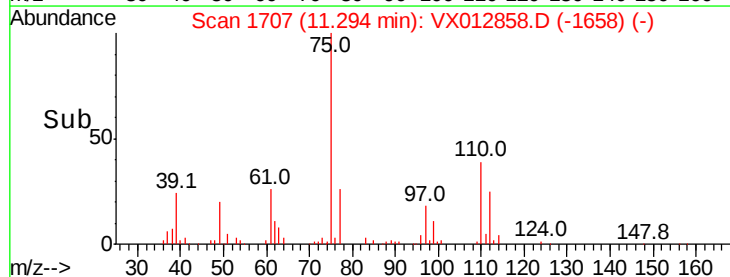
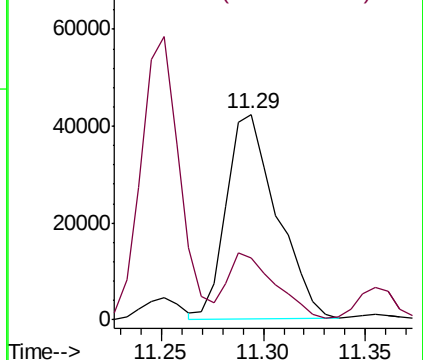
75 100

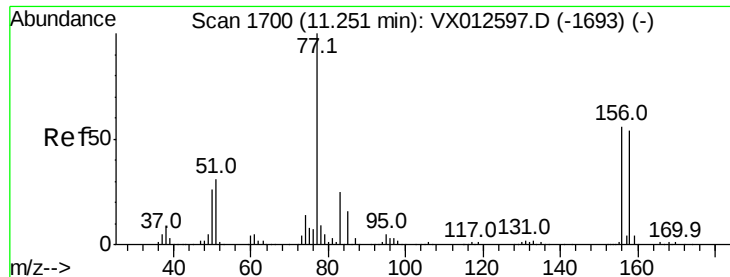
77 30.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.380 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

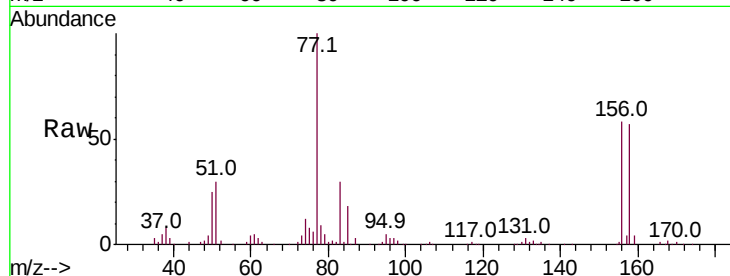
Tot Ion:156 Resp: 43049

Ion Ratio Lower Upper

156 100

77 177.5 87.3 261.8

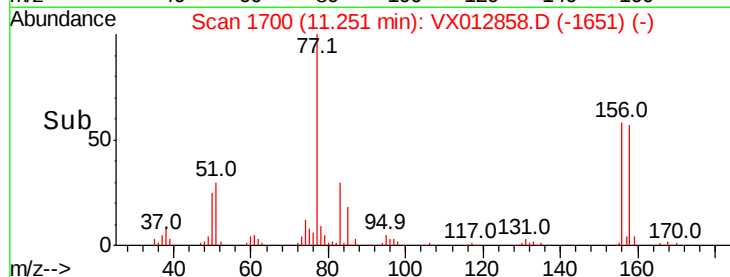
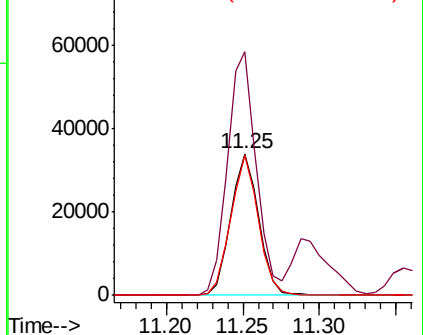
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.710 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012858.D

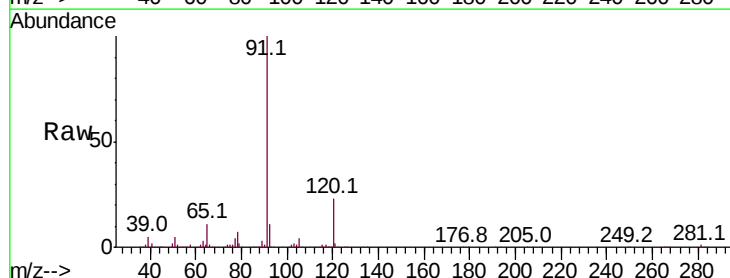
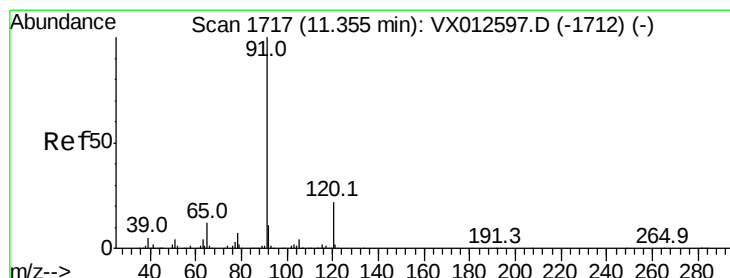
Acq: 07 Oct 2019 23:46

Tgt Ion: 91 Resp: 206729

Ion Ratio Lower Upper

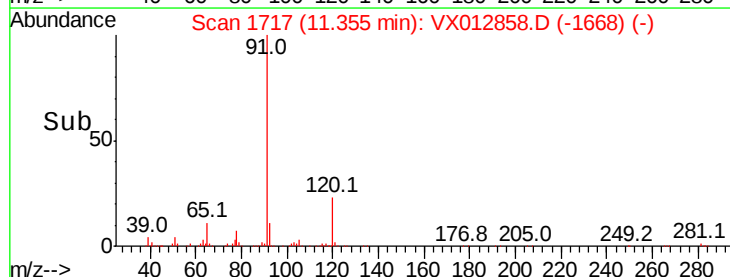
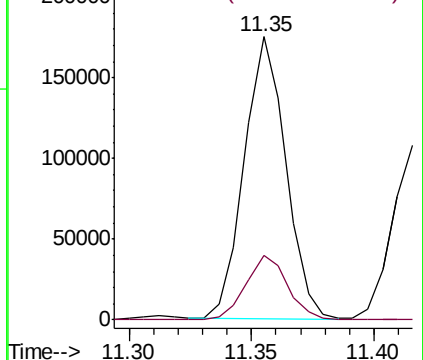
91 100

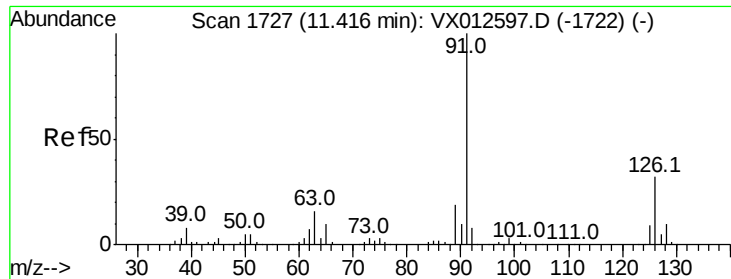
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

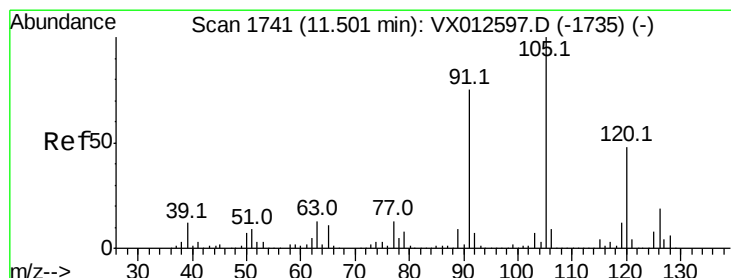
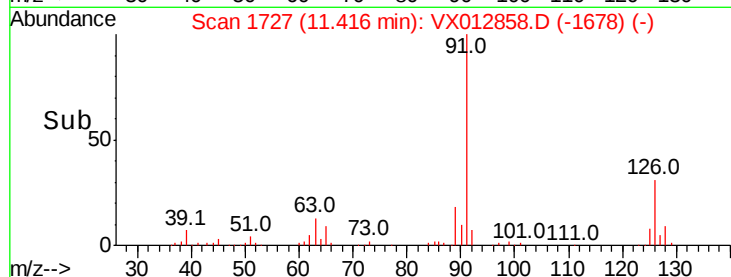
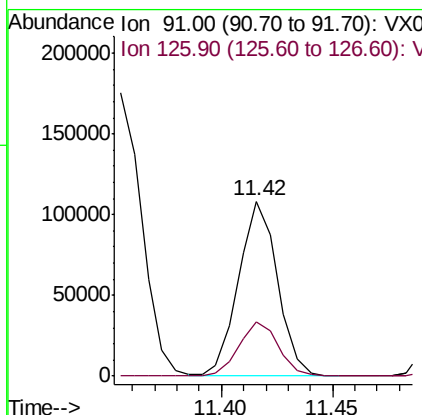
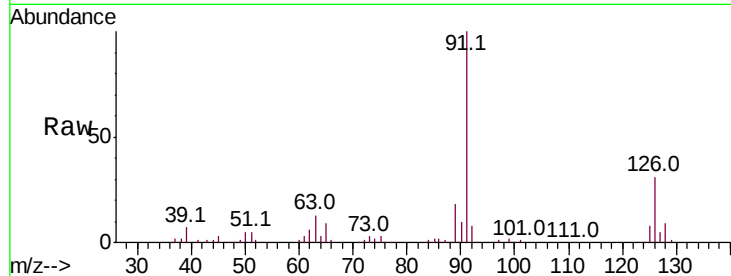




#79
 2-Chlorotoluene
 Concen: 19.073 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

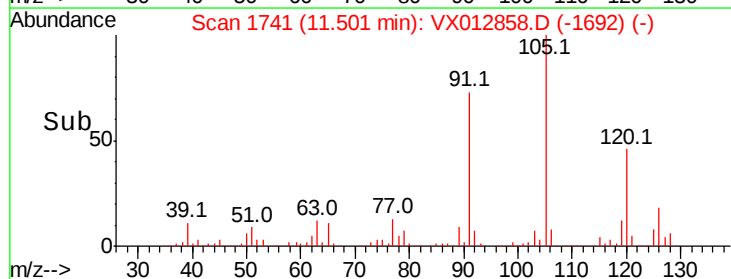
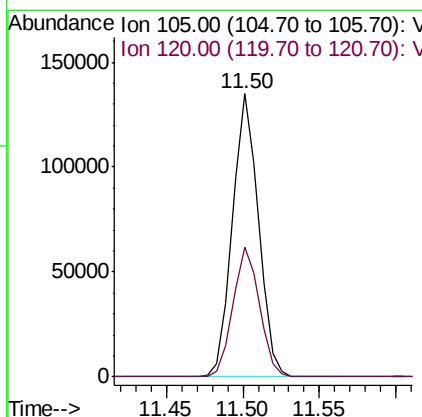
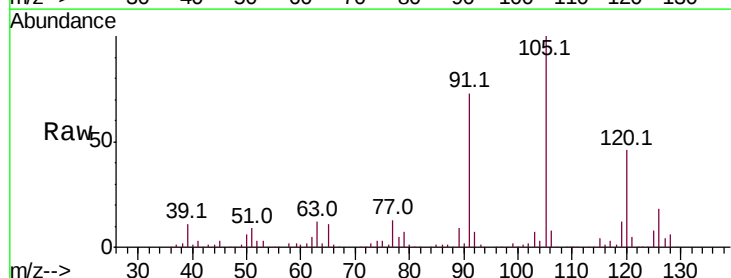
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

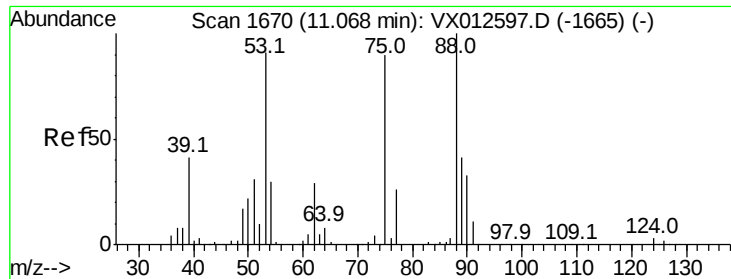
Tot Ion: 91 Resp: 131465
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.341 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 105 Resp: 159183
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.397 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

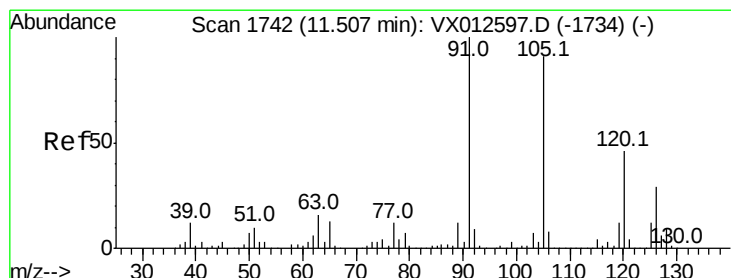
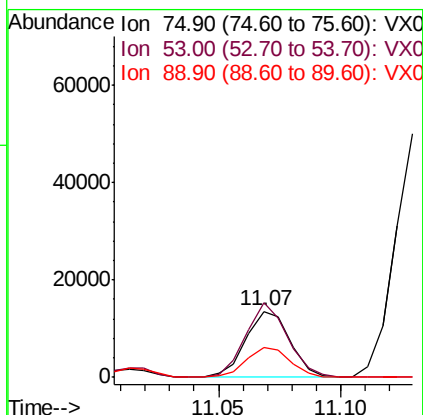
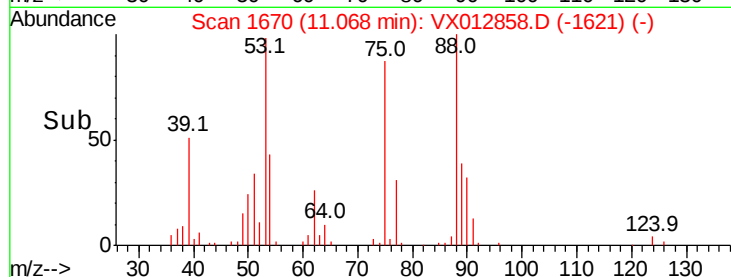
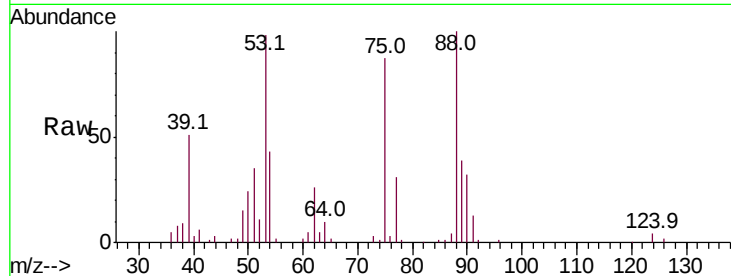
Tot Ion: 75 Resp: 17126

Ion Ratio Lower Upper

75 100

53 107.8 83.6 125.4

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.986 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012858.D

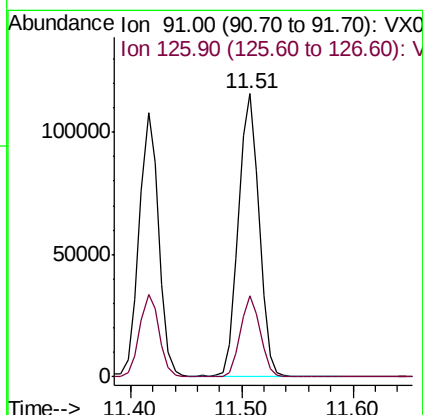
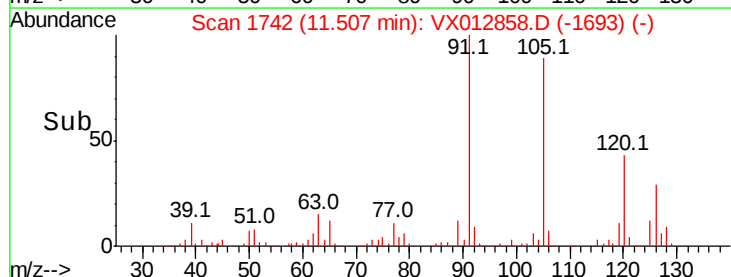
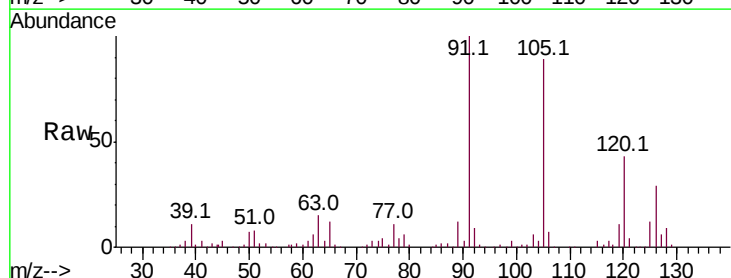
Acq: 07 Oct 2019 23:46

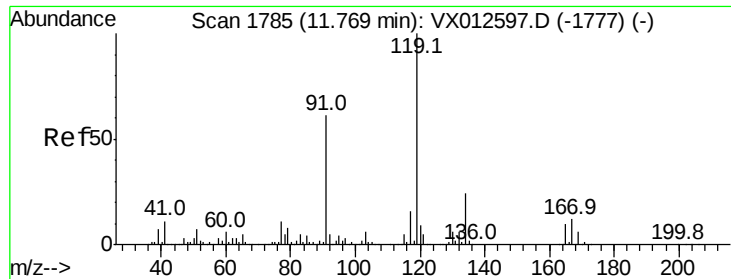
Tgt Ion: 91 Resp: 149182

Ion Ratio Lower Upper

91 100

126 27.5 14.4 43.0





#83

tert-Butylbenzene

Concen: 19.217 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampled :

VX1007WBS02

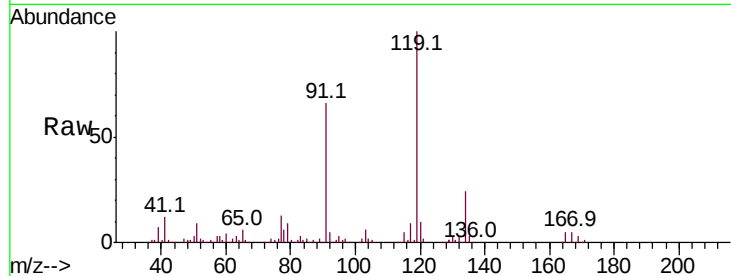
Tot Ion:119 Resp: 152564

Ion Ratio Lower Upper

119 100

91 59.6 30.0 90.0

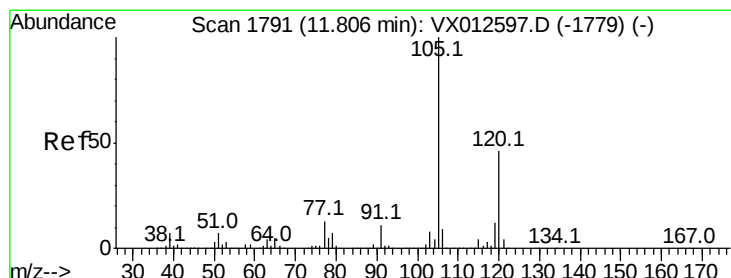
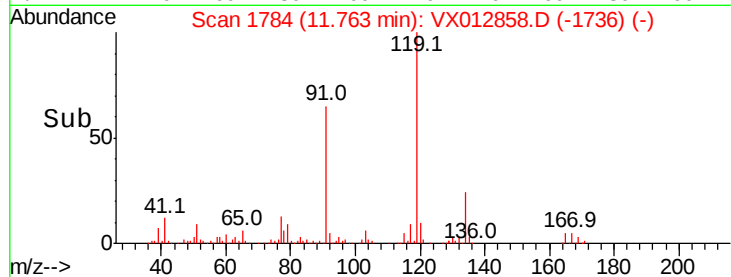
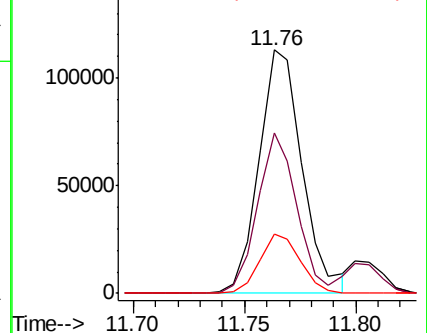
134 22.7 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.365 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012858.D

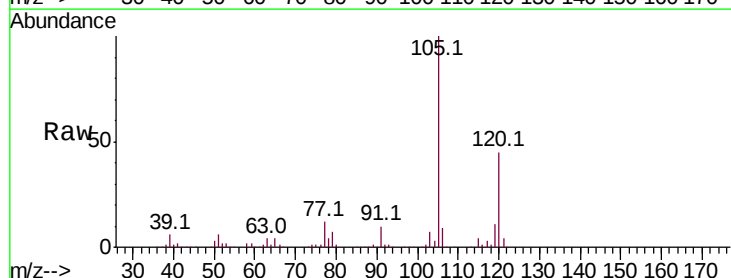
Acq: 07 Oct 2019 23:46

Tgt Ion:105 Resp: 160774

Ion Ratio Lower Upper

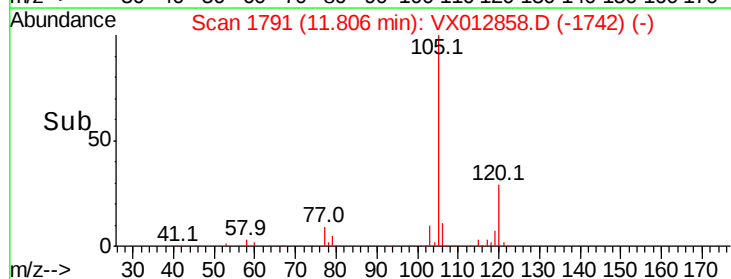
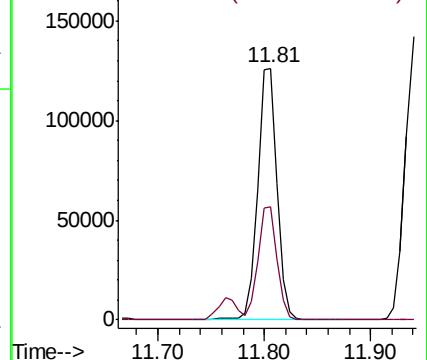
105 100

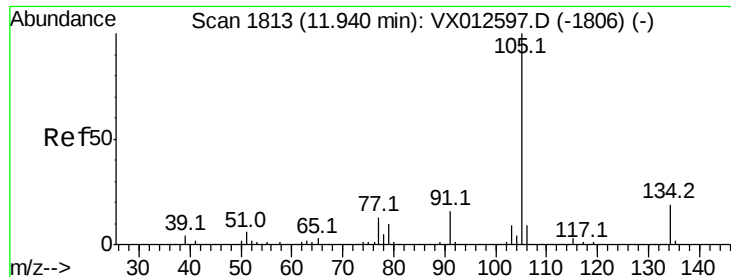
120 44.2 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.070 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

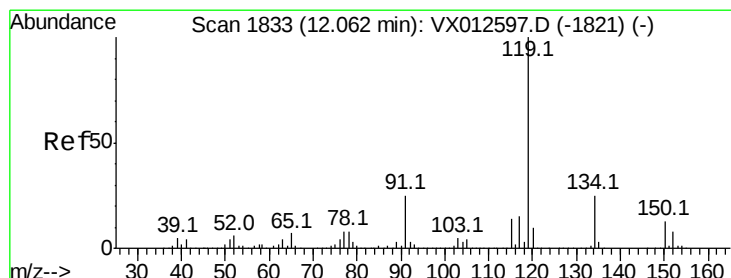
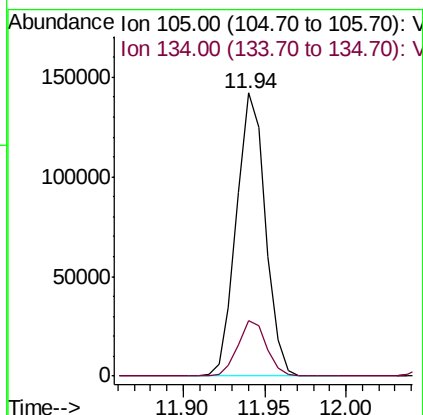
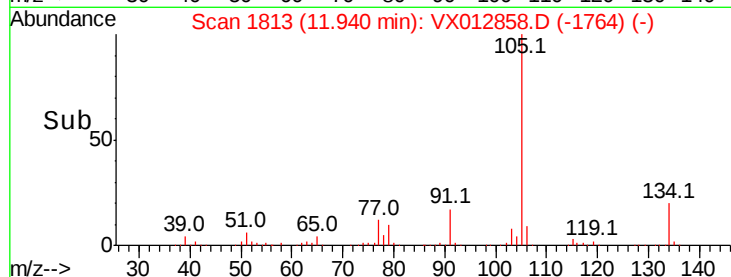
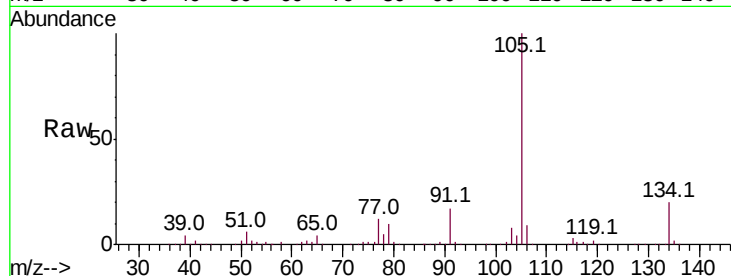
VX1007WBS02

Tot Ion:105 Resp: 176096

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.162 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

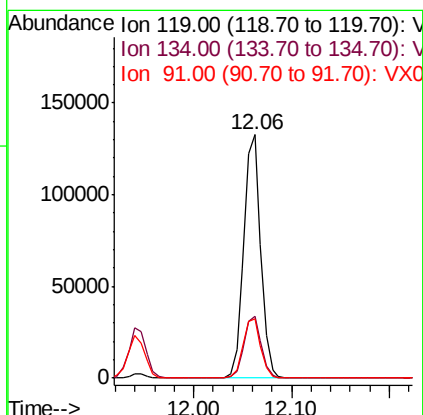
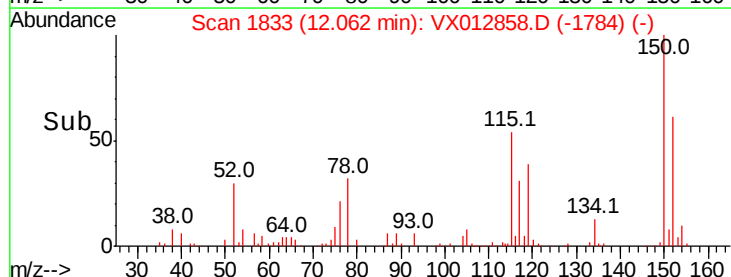
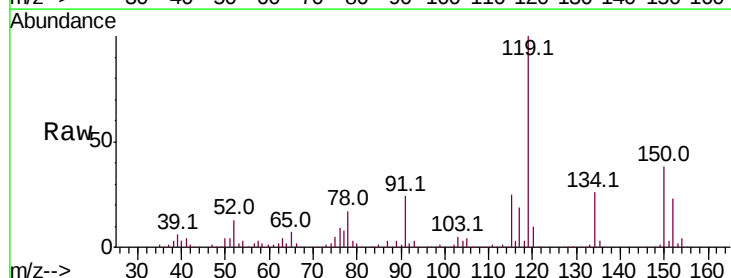
Tgt Ion:119 Resp: 159657

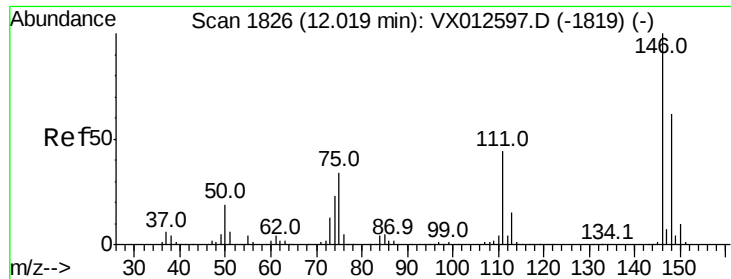
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 25.1 12.8 38.4

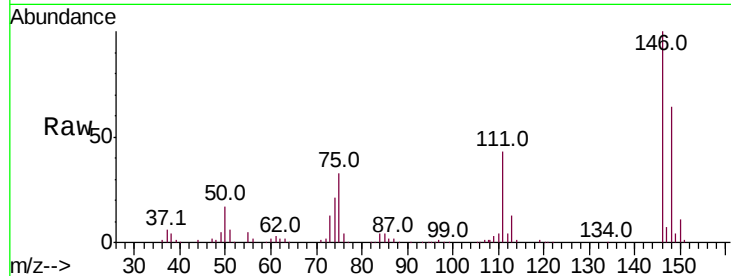




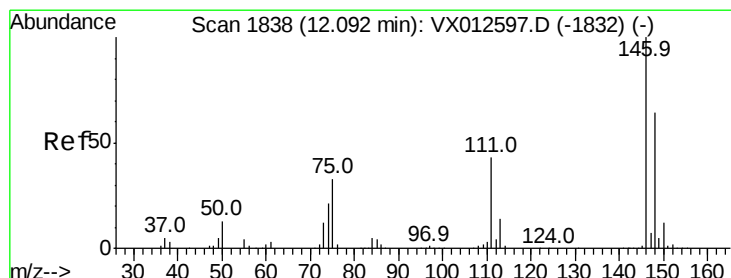
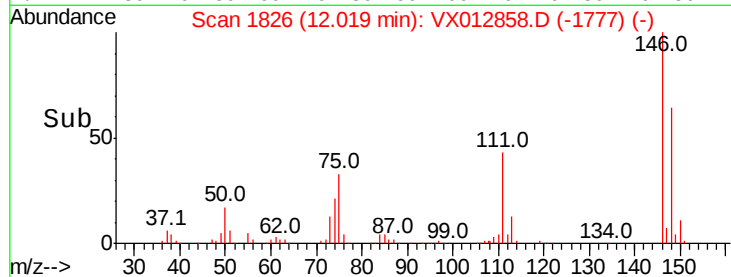
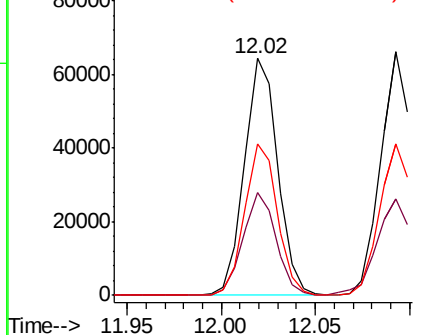
#87
 1,3-Dichlorobenzene
 Concen: 19.765 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion:146 Resp: 79008
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 64.0
 148 63.0 32.4 97.2

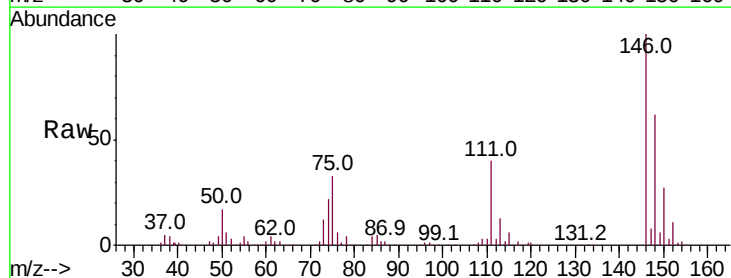


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

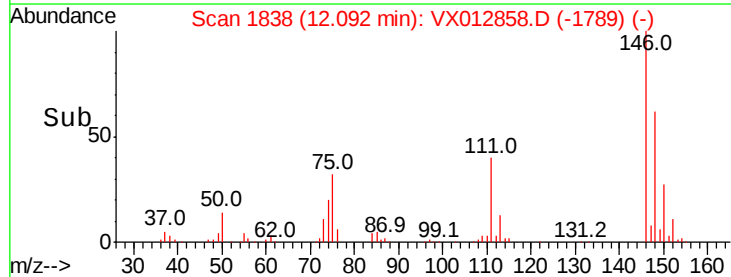
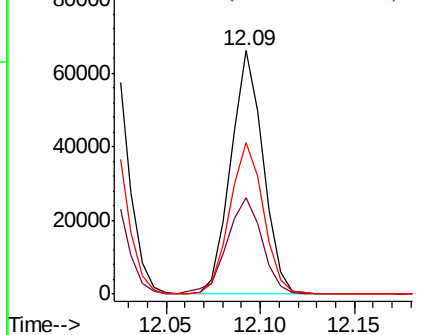


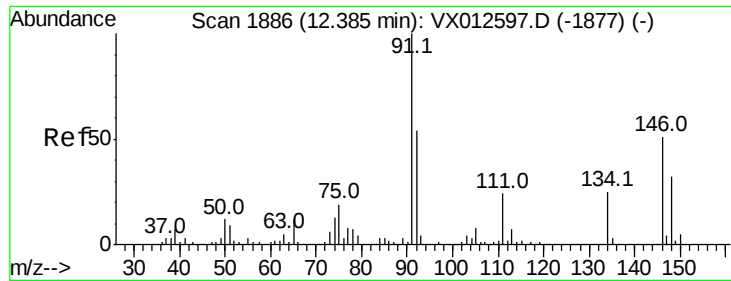
#88
 1,4-Dichlorobenzene
 Concen: 19.424 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion:146 Resp: 78460
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.3
 148 65.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

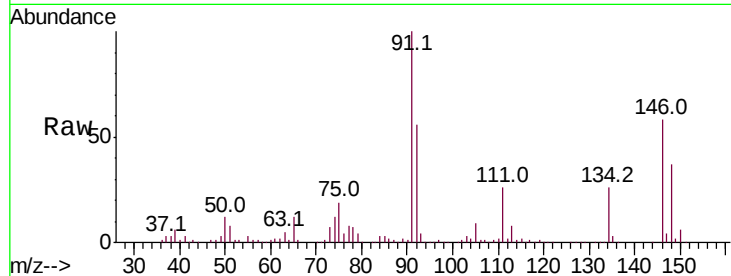




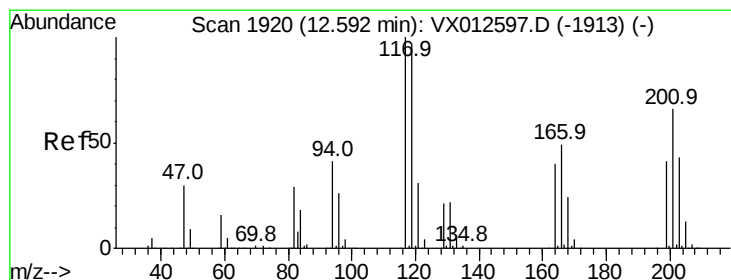
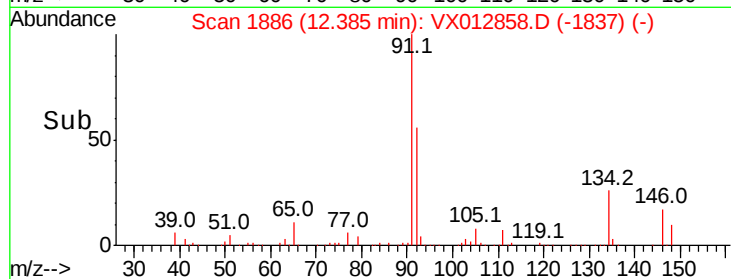
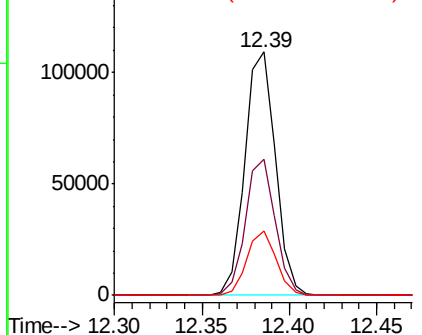
#89
n-Butylbenzene
Concen: 18.101 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion: 91 Resp: 132902
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 25.5 12.9 38.6

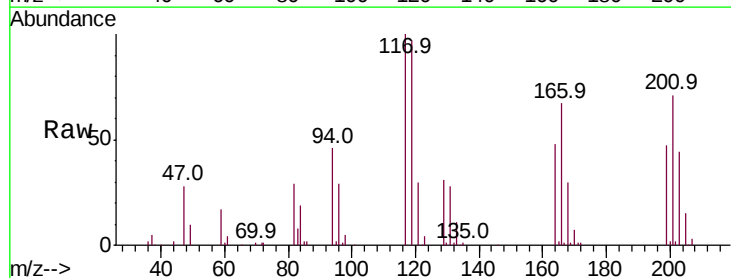


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

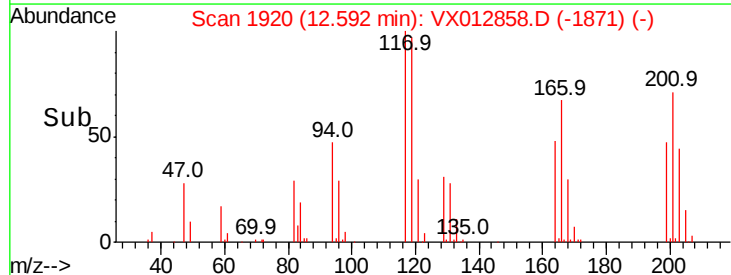
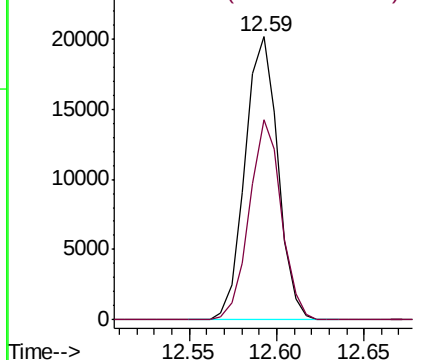


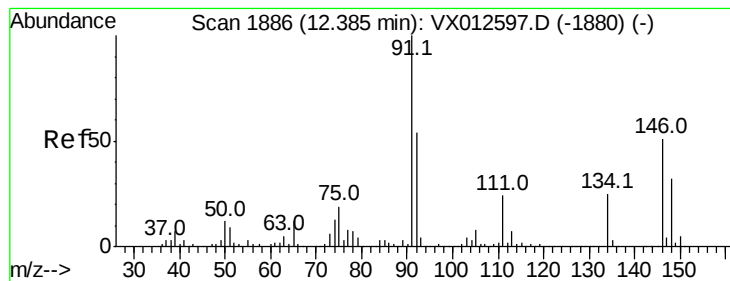
#90
Hexachloroethane
Concen: 17.692 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 117 Resp: 26280
Ion Ratio Lower Upper
117 100
201 68.8 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.805 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

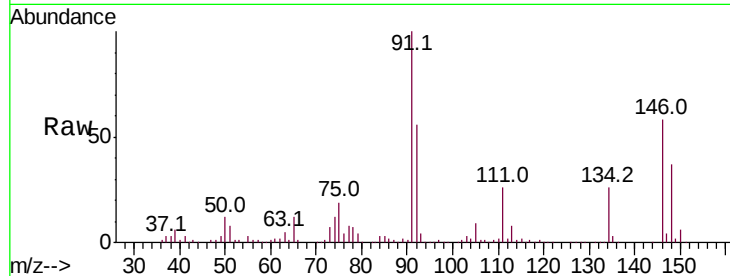
Tot Ion:146 Resp: 79261

Ion Ratio Lower Upper

146 100

111 45.6 22.1 66.1

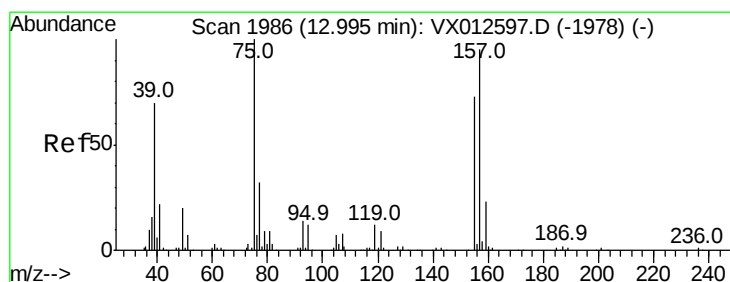
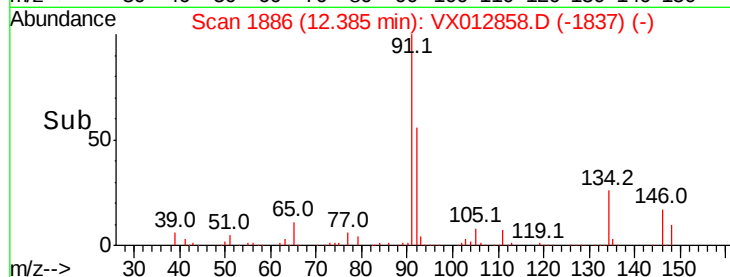
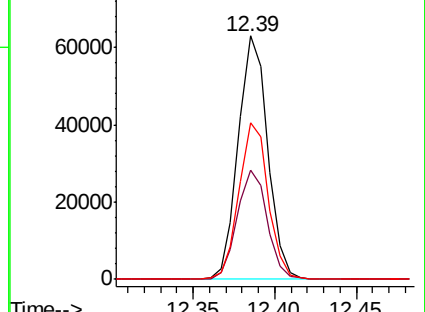
148 63.9 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.083 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

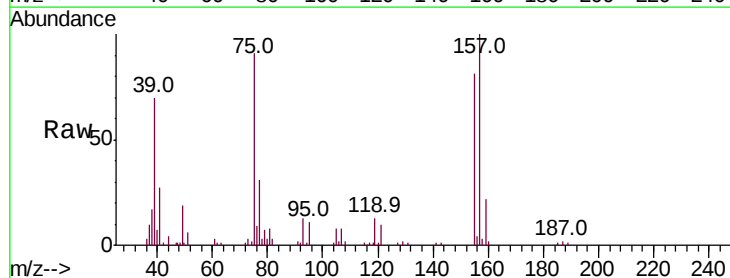
Tgt Ion: 75 Resp: 14703

Ion Ratio Lower Upper

75 100

155 79.9 38.6 115.8

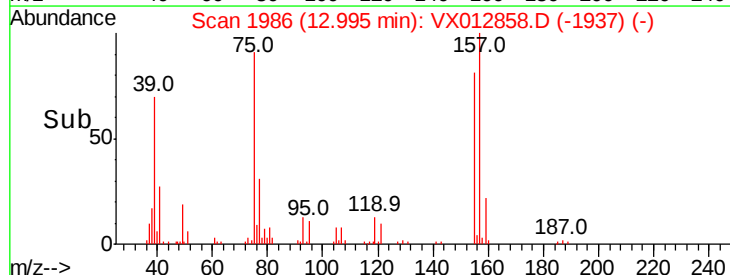
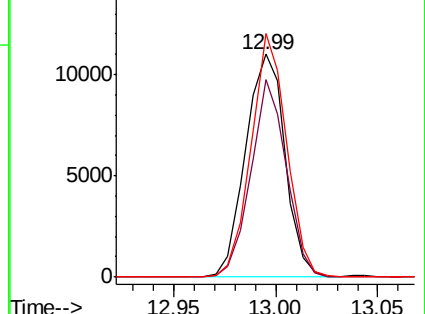
157 99.2 50.6 151.9

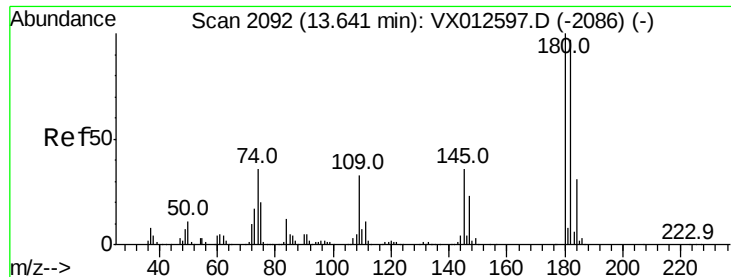


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.569 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

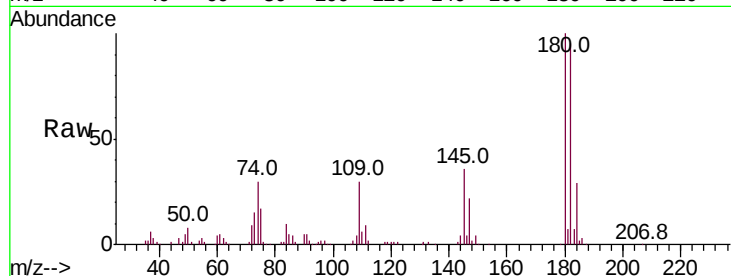
Tot Ion:180 Resp: 47760

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.0

145 33.0 16.8 50.4

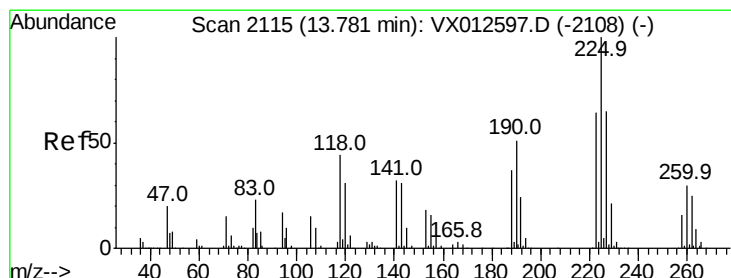
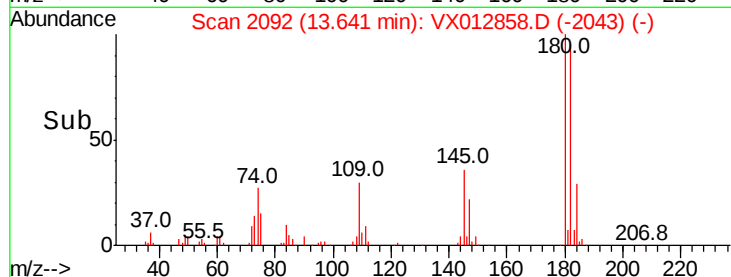
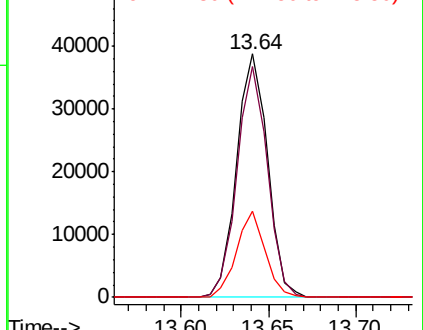


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.513 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

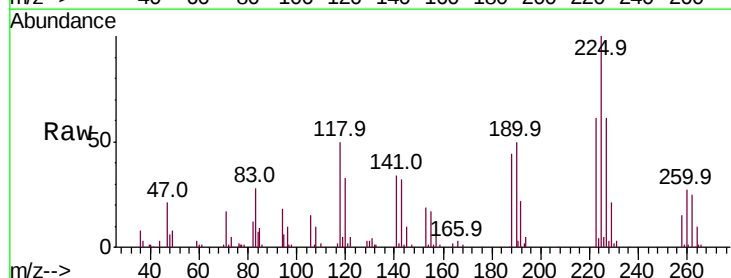
Tgt Ion:225 Resp: 20488

Ion Ratio Lower Upper

225 100

223 62.0 32.0 96.2

227 61.5 31.9 95.5

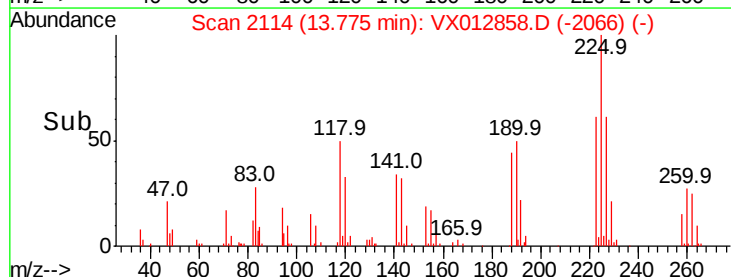
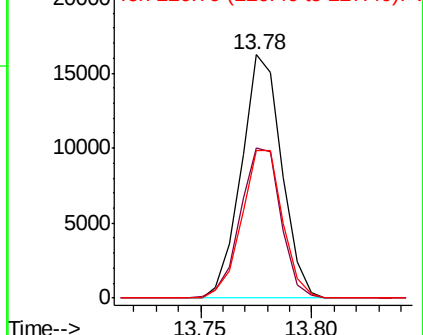


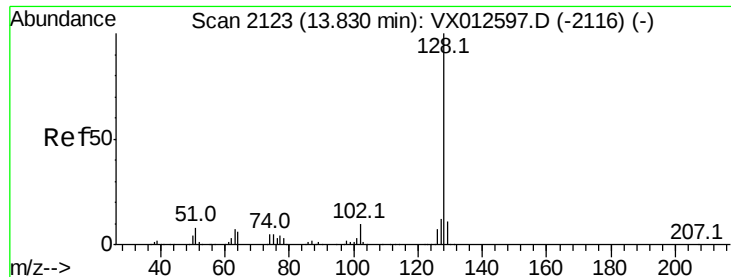
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

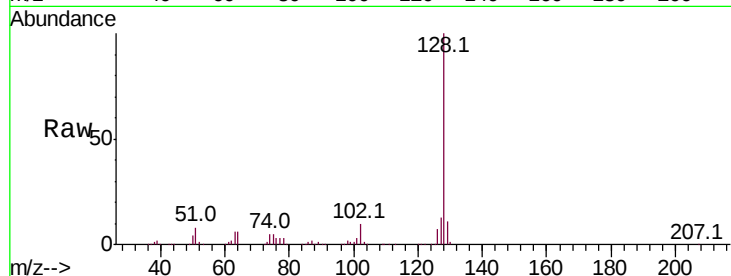




#95
Naphthalene
Concen: 20.158 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.8	13.2

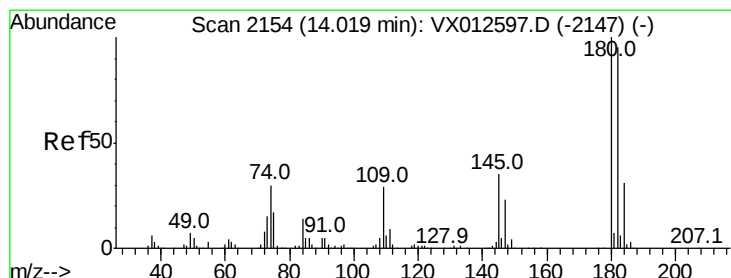
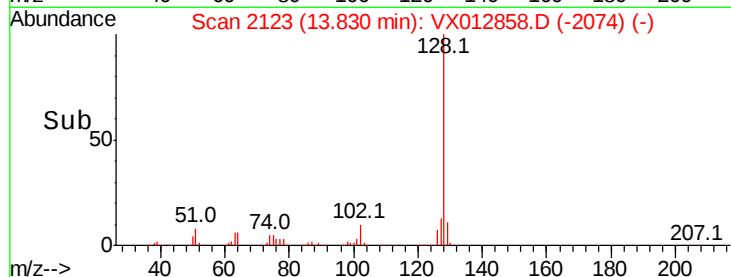
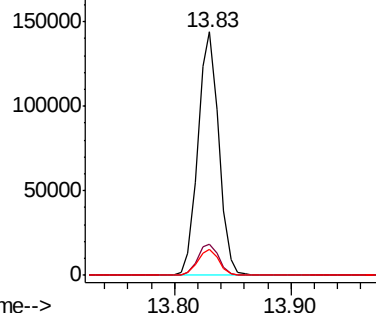


Abundance

Ion 128.00 (127.70 to 128.70): V

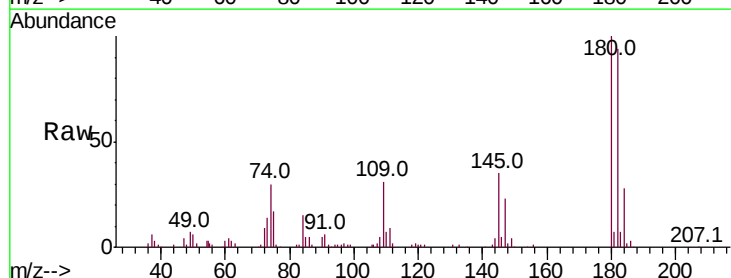
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.311 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.1	141.3
145	34.5	18.0	54.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

